

VII. LIST OF TYPES OF AMPHINEURA AND GASTROPODA
CATALOGUED IN THE COLLECTION OF THE
CARNEGIE MUSEUM ON JANUARY 1, 1931.

BY STANLEY T. BROOKS, PH.D.

AND

BETTY WATT BROOKS, M.A.

Class AMPHINEURA.

Order POLYPLACOPHORA.

SUBORDER MESOPLACOPHORA.

Family CRYPTOPLACIDÆ.

Cryptoplax japonicus Pilsbry, Proc. Acad. Nat. Science Phila., LIII,
1901, 204.

Part of type-lot. C. M., No. 62.9859, four specimens from
Hirado, Prov. Hizen, Japan. Y. Hirase coll.

Cryptoplax rhodoplax Pilsbry, Proc. Acad. Nat. Science Phila., LIII,
1901, 204.

Part of type-lot. C. M., No. 62.9858, six specimens from
Hirado, Hizen, Japan. Y. Hirase coll.

Class GASTROPODA.

SUBCLASS STREPTONEURA.

Order ASPIDOBRANCHIA.

Family PHASIANELLIDÆ.

Phasianella tristis Pilsbry, Nautilus, XVII, 1903, 69.

Part of type-lot. C. M., No. 62.9875, six specimens from
Rishiri, Kitami, Hokkaido, North Japan. Y. Hirase coll.

Family TROCHIDÆ.

Euchelus hachijoensis Pilsbry, Proc. Acad. Nat. Science Phila., LVI,
1904, 35.

Part of type-lot. C. M., No. 62.9880, three specimens from
Hachijo, Izu, Japan. Y. Hirase coll.

Gibbula vittata Pilsbry, Nautilus, XVII, 1903, 69.

Part of type-lot. C. M., No. 62.9886, four specimens from Loo Choo Islands, Japan. Y. Hirase coll.

Order **CTENOBRANCHIATA.**

Family EULIMIDÆ.

Eulima luchuana Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 396.

Part of type-lot. C. M., No. 62.9898, six specimens from Loo Choo Islands, Japan. Y. Hirase coll.

Family PYRAMIDELLIDÆ.

Syrnola bacillum Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 394.

Part of type-lot. C. M., No. 62.9900, three specimens from Hirado, Prov. Hizen, Japan. Y. Hirase coll.

Family TURBONILLIDÆ.

Turbonilla varicifera Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 198.

Part of type-lot. C. M., No. 62.9901, three specimens from Hirado, Prov. Hizen, Japan. Y. Hirase coll.

Family PLANAXIDÆ.

Planaxis abbreviatus ogasawarana Pilsbry, Proc. Acad. Nat. Science Phila., LVII, 1905, 105.

Part of type-lot. C. M., No. 62.9908, six specimens from Hahajima, Ogasawara-shima, Bonin Islands, Japan. Y. Hirase coll.

Family ANNULARIDÆ.

Chondropoma caribbæum W. F. Clapp, Nautilus, XXVII, 1914, 100.

Part of type-lot. Clapp, No. 15264, one specimen from Swan Island, Caribbean Sea. George Nelson coll.

Colobostylus nelsoni W. F. Clapp = **Tudora nelsoni** W. F. Clapp, Nautilus, XXVII, 1914, 99. See Henderson and Bartsch, Proc. U. S. Natl. Mus., LVIII, 1921, 75.

Part of type-lot. Clapp, No. 15265, two specimens from Swan Island, Caribbean Sea. George Nelson coll.

Family CYCLOPHORIDÆ.

SUBFAMILY CYCLOPHORINÆ.

Cyathopoma iota Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 619.

Part of type-lot. C. M., No. 62.15451, six specimens from Kumejima, Riu Kiu Islands, Japan. Y. Hirase coll.

Cyathopoma micron Pilsbry, Nautilus, XIV, 1900, 12.

Part of type-lot. C. M., No. 62.15452, ten specimens from Kashima, Harima, Japan. Y. Hirase coll.

Cyclophorus hirasei Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 348.

Part of type-lot. C. M., No. 62.15455, four specimens from Oshima, Osumi, Japan. Y. Hirase coll.

Cyclophorus kikaiensis Pilsbry, Proc. Acad. Nat. Science Phila., LIV, 1902, 27.

Part of type-lot. C. M., No. 62.15456, six specimens from Kikai, Osumi, Japan. Y. Hirase coll.

Cyclophorus turgidus angulatus Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 549.

Part of type-lot. C. M., No. 62.15459, four specimens from Loo Choo Islands, Japan. Y. Hirase coll.

Cyclotus hirasei Pilsbry, Nautilus, XV, 1901, 22.

Part of type-lot. C. M., No. 62.15462, twelve specimens, Loo Choo Islands, Japan. Y. Hirase coll.

Cyclotus sanctæmarthæ Pilsbry and Clapp, Nautilus, XV, 1902, 134.

Type. C. M., No. 62.15065, from Las Nubes Estate, Sierrade, Santa Marta, Colombia. C. L. Hurd coll.

Japonia sadoensis Pilsbry and Hirase, Nautilus, XVII, 1903, 31.

Part of type-lot. C. M., No. 62.15657, three specimens from Niibomura, Sadô, Japan. Y. Hirase coll.

Japonia tokunoshimana Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 616.

Part of type-lot. C. M., No. 62.15659, four specimens from Tokunoshima, Osumi, Japan. Y. Hirase coll.

Leptopoma fultoni Aldrich, Nautilus, XII, 1898, 3.

Part of type-lot. Clapp, No. 14709, one specimen from Marang, Sumatra. W. D. Doherty coll.

Spiropoma nakadai Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 496.

Part of type-lot. C. M., No. 62.15747, six specimens from Tanegashima, Osumi, Japan. Y. Hirase coll.

Family ALYCÆINÆ.

Alycæus awænsis Pilsbry and Hirase, Nautilus, XVII, 1904, 117.

Part of type-lot. C. M., No. 62.15432, six specimens from Hiyama, Awa, Shikoku, Japan. Y. Hirase coll.

Alycæus biexcisus Pilsbry, Proc. Acad. Nat. Science Phila., LIV, 1902, 26.

Part of type-lot. C. M., No. 62.15428, six specimens from Suimura, Awa, Shikoku, Japan. Y. Hirase coll.

Alycæus harimensis Pilsbry, Proc. Acad. Nat. Science Phila. LII, 1900, 381.

Part of type-lot. C. M., No. 62.15420, four specimens from Kashima, Harima, Japan. Y. Hirase coll.

Alycæus hirasei Pilsbry, Proc. Acad. Nat. Science Phila., LII, 1900, 382.

Part of type-lot. C. M., No. 62.15426, six specimens from Kyoto, Yamashiro, Japan. Y. Hirase coll.

Alycæus lævicervix Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 618.

Part of type-lot. C. M., No. 62.15429, three specimens from Kuchinoerabushima, Osumi, Japan. Y. Hirase coll.

Alycæus oshimanus Pilsbry and Hirase, Nautilus, XVIII, 1904, 7.

Part of type-lot. C. M., No. 62.15433, six specimens from Oshima, Osumi, Japan. Y. Hirase coll.

Alycæus purus Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 617.

Part of type-lot. C. M., No. 62.15430, six specimens from Tokunoshima, Osumi, Japan. Y. Hirase coll.

Alycæus reinhardtii Pilsbry = **Alycæus pilsbryi** Kobelt, Proc. Acad. Nat. Science Phila., LII, 1900, 381.

Part of type-lot. C. M., No. 62.15422, six specimens from Kashima, Harima, Japan. Y. Hirase coll.

Alycæus tokemoshimanus Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 617.

Part of type-lot. C. M., No. 62.15431, six specimens from Tokemoshima, Osumi, Japan. Y. Hirase coll.

Alycæus vinctus Pilsbry, Nautilus, XVI, 1902, 53.

Part of type-lot. C. M., No. 62.15434, four specimens from Tanegashima, Osumi, Japan. Y. Hirase coll.

SUBFAMILY PUPININÆ.

Pupinella funatoi Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 497.

Part of type-lot. C. M., No. 62.15731, six specimens from Tanegashima, Osumi, Japan. Y. Hirase coll.

Pupinella oshimæ Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 349.

Part of type-lot. C. M., No. 62.15729, six specimens from Oshima, Osumi, Japan. Y. Hirase coll.

Pupinella oshimæ tokunoshimana Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 618.

Part of type-lot. C. M., No. 62.15732, six specimens from Tokunoshima, Osumi, Japan. Y. Hirase coll.

Pupinella rufa alba Pilsbry, Cat. Land Shells of Japan, 1903, 21. *See Nautilus*, XLV, 1931.

Part of type-lot. C. M., No. 62.15733, six specimens from Hirado, Hizen, Japan. Y. Hirase coll.

Pupinella rufa tanegashimæ Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 497.

Part of type-lot. C. M., No. 62.15730, six specimens from Tanegashima, Osumi, Japan. Y. Hirase coll.

SUBFAMILY POMATIASINÆ.

Omphalotropis doherthyi Aldrich, Nautilus, XII, 1898, 3.

Part of type-lot. Clapp, No. 14710, one specimen from Marang, Sumatra. W. D. Doherty coll.

Omphalotropis japonica Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 405.

Part of type-lot. C. M., No. 62.15712, sixteen specimens from Kashiwashima, Tosa, Japan. Y. Hirase coll.

SUBFAMILY DIPLOMMATININÆ.

Diplommatina cassa Pilsbry, Nautilus, XV, 1901, 23.

Part of type-lot. C. M., No. 62.15620, twenty-four specimens from Kodakari, Hida, Japan. Y. Hirase coll.

Diplommatina concinna Godwin-Austen, Proc. Zoöl. Soc. London, 1892, 519.

Part of type-lot. Clapp, No. 14703, two specimens from Naga Hills, India. W. Doherty coll.

Diplommatina decorosus Godwin-Austen, Proc. Zoöl. Soc. London, 1892, 510.

Part of type-lot. Clapp, No. 14704, one specimen from Naga Hills, India. W. Doherty coll.

Diplommatina dohertyi Godwin-Austen, Proc. Zoöl. Soc. London, 1892, 513.

Part of type-lot. Clapp, No. 14707, two specimens from Margarita, Assam, India. W. Doherty coll.

Diplommatina domuncula Godwin-Austen, Proc. Zoöl. Soc. London, 1892, 518.

Part of type-lot. Clapp, No. 14705, one specimen from Naga Hills, India. W. Doherty coll.

Diplommatina gibbera Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 620.

Part of type-lot. C. M., No. 62.15477, six specimens from Nomimura, Tosa, Japan. Y. Hirase coll.

Diplommatina goniobasis onoensis Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 621.

Part of type-lot. C. M., No. 62.15478, six specimens from Onomura, Tosa, Japan. Y. Hirase coll.

Diplommatina immersidens Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 623.

Part of type-lot. C. M., No. 62.15482, six specimens from Miyakojima, Riukiu, Loo Choo Islands, Japan. Y. Hirase coll.

- Diplommatina insularum** Pilsbry, Nautilus, XV, 1901, 22.
Part of type-lot. C. M., No. 62.15619, twelve specimens from
Yaeyama, Loo Choo Islands, Japan. Y. Hirase coll.
- Diplommatina kobelti** Ehrmann, Cat. Land Shells of Japan, 1903, 12.
Part of type-lot. C. M., No. 62.15473, twelve specimens from
Kashima, Harima, Japan. Y. Hirase coll.
- Diplommatina kobelti ampla** Pilsbry, Proc. Acad. Nat. Science Phila.,
LIV, 1902, 28.
Part of type-lot. C. M., No. 62.15474, six specimens from
Goto, Hizen, Japan. Y. Hirase coll.
- Diplommatina kumejimana** Pilsbry and Hirase, Proc. Acad. Nat.
Science Phila., LVI, 1904, 623.
Part of type-lot. C. M., No. 62.15481, six specimens from
Kumejima, Loo Choo Islands, Japan. Y. Hirase coll.
- Diplommatina oshimæ** Pilsbry, Proc. Acad. Nat. Science Phila., LIII,
1901, 351.
Part of type-lot. C. M., No. 62.15468, six specimens from
Oshima, Osumi, Japan. Y. Hirase coll.
- Diplommatina pudica** Pilsbry, Proc. Acad. Nat. Science Phila., LIV,
1902, 28.
Part of type-lot. C. M., No. 62.15475, six specimens from
Nachi, Kii, Japan. Y. Hirase coll.
- Diplommatina pusilla omiensis** Pilsbry, Proc. Acad. Nat. Science
Phila., LII, 1900, 382.
Part of type-lot. C. M., No. 62.15465, ten specimens from
Ibuki, Omi, Japan. Y. Hirase coll.
- Diplommatina septentrionalis** Pilsbry, Proc. Acad. Nat. Science
Phila., LIII, 1901, 352.
Part of type-lot. C. M., No. 62.15470, twenty-two specimens
from Kayabe, Ojima, Japan. Y. Hirase coll.
- Diplommatina subtilis** Godwin-Austen, Proc. Zoöl. Soc. London,
1892, 517.
Part of type-lot. Clapp, No. 14708, two specimens from
Margarita, Assam, India. W. Doherty coll.

Diplommatina tanegashimæ Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 497.

Part of type-lot. C. M., No. 62.15471, ten specimens from Tanegashima, Osumi, Japan. Y. Hirase coll.

Diplommatina tokunishimana Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 622.

Part of type-lot. C. M., No. 62.15480, six specimens from Tokunoshima, Osumi, Japan. Y. Hirase coll.

Diplommatina tosana Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 620.

Part of type-lot. C. M., No. 62.15476, six specimens from Nogawa, Tosa, Japan. Y. Hirase coll.

Diplommatina turris Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 350.

Part of type-lot. C. M., No. 62.15466, six specimens from Oshima, Osumi, Japan. Y. Hirase coll.

Diplommatina uzenensis Pilsbry, Nautilus, XIV, 1900, 88.

Part of type-lot. C. M., No. 62.15618, twelve specimens from Nishigo, Uzen, Japan. Y. Hirase coll.

Diplommatina yakushimæ Pilsbry, Nautilus, XV, 1901, 64.

Part of type-lot. C. M., No. 62.15621, six specimens from Yakushima, Osumi, Japan. Y. Hirase coll.

Family HELICINIDÆ.

SUBFAMILY HELICININÆ.

Helicina albescens Hartman, Proc. Acad. Nat. Science Phila., 1890, 285.

Type. C. M., No. 62.15313, from Segou Island, New Hebrides. E. L. Layard coll.

Helicina capsula Pilsbry, Proc. Acad. Nat. Science Phila., LIV, 1902, 25.

Part of type-lot. C. M., No. 62.15645, three specimens from Hahajima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.

Helicina clappi Pilsbry, Nautilus, XXIII, 1909, 90.

Part of type-lot. Clapp, No. 2461, three specimens from Miami, Florida. S. N. Rhoades coll.

Helicina grenadensis E. A. Smith, Proc. Malacol. Soc. London, I, 1895, 318.

Part of type-lot. C. M., No. 62.2986, ten specimens from Grenada, West Indies. H. H. Smith coll.

Helicina hakodadiensis Hartman, Proc. Acad. Nat. Science Phila., 1890, 286.

Part of type-lot. C. M., No. 62.15642, three specimens from Hakodadi, Japan. B. Schmacker coll.

Helicina hirasei Pilsbry, Proc. Acad. Nat. Science Phila., LIV, 1902, 25.

Part of type-lot. C. M., No. 62.15647, four specimens from Hahajima, Ogasawara, Japan. Y. Hirase coll.

Helicina japonica uzenensis Pilsbry, Nautilus, XIV, 1901, 128.

Part of type-lot. C. M., No. 62.15652, twelve specimens from Nishigo, Uzen, Japan. Y. Hirase coll.

Helicina layardi Hartman, Proc. Acad. Nat. Science Phila., 1888, 251.

Part of type-lot. C. M., No. 62.15656, three specimens from Aura Islands, New Hebrides. E. L. Layard coll.

Helicina ogasawarana Pilsbry, Proc. Acad. Nat. Science Phila., LIV, 1902, 25.

Part of type-lot. C. M., No. 62.15646, three specimens from Hahajima, Ogasawara, Japan. Y. Hirase coll.

Helicina osumiensis Pilsbry, Nautilus, XIV, 1901, 127.

Part of type-lot. C. M., No. 62.15640, sixteen specimens from Kikai, Osumi, Japan. Y. Hirase coll.

Helicina reini exopolita Pilsbry, Nautilus, XVI, 1903, 131.

Part of type-lot. C. M., No. 62.15654, six specimens from Sezan, Awaji, Japan. Y. Hirase coll.

Helicina sadoensis Pilsbry and Hirase, Nautilus, XVI, 1903, 128.

Part of type-lot. C. M., No. 62.15651, six specimens from Sotokaifu, Sado, Japan. Y. Hirase coll.

Helicina sanctæmarthæ Pilsbry and Clapp, Nautilus, XV, 1902, 136.

Part of type-lot. Clapp, No. 4535, ten specimens from El Libano, State of Santa Marta, U. S. of Colombia. H. H. Smith coll.

Helicina verecunda degener Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 625.

Part of type-lot. C. M., No. 62.15655, four specimens from Okinoerabushima, Osumi, Japan. Y. Hirase coll.

Helicina yæyamensis Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 497.

Part of type-lot. C. M., No. 62.15644, ten specimens from Yæyama, Loo Choo Islands, Japan. Y. Hirase coll.

Helicina yoshiwarana arata Pilsbry, Proc. Acad. Nat. Science Phila., LIV, 1902, 26.

Part of type-lot. C. M., No. 62.15648, four specimens from Hahajima, Ogasawara, Japan. Y. Hirase coll.

Helicina yoshiwarana microtheca Pilsbry, Proc. Acad. Nat. Science Phila., LIV, 1902, 26.

Part of type-lot. C. M., No. 62.15649, six specimens from Hahajima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.

Family AMPULLARIIDÆ.

Ampullaria miamiensis Pilsbry, Proc. Acad. Nat. Science Phila., 1899, 365.

Part of type-lot. Clapp, No. 19966, one specimen from Miami River Confluent, Florida. S. N. Rhoades coll.

Family VALVATIDÆ.

Valvata micra Pilsbry and Ferriss = **Horatia micra** Pilsbry and Ferriss, Proc. Acad. Nat. Science Phila., 1906, 172, and Nautilus, XXX, 1916, 83.

Part of type-lot. C. M., No. 62.20173, ten specimens from drift of Guadelupe River, four miles above New Braunfels, Texas. H. A. Pilsbry coll.

Family VIVIPARIDÆ.

Viviparus georgianus altior Pilsbry = **Vivipara georgiana altior** Pilsbry, Nautilus, V, 1892, 142.

Part of type-lot. C. M., No. 62.7023, seventeen specimens from Shell-heap (Indian), Hitchen's Creek, Volusia County, Florida. H. A. Pilsbry coll.

Viviparus walkeri Pilsbry and Johnson = **Viviparus georgianus** Lea, Nautilus, XXVI, 1912, 48.

Part of type-lot. C. M., No. 62.12706, six specimens from Juniper Creek, Lake County, Florida. H. A. Pilsbry and C. W. Johnson coll.

Family AMNICOLIDÆ.

Amnicola cisternina Walker, Occas. Papers Mus. Univ. Mich., 73, 1919, 1.

Part of type-lot. C. M., No. 62.16423, many specimens from Reservoir, four miles north of Guatemala City, Guatemala. A. A. Hinkley coll.

Amnicola conchensis Walker, Occas. Papers Mus. Univ. Mich., 73, 1919, 3.

Part of type-lot. C. M., No. 62.16425, many specimens from Conchins River, Maya Farm, Quirigua, Guatemala. A. A. Hindley coll.

Amnicola hinkleyi Walker, Occas. Papers Mus. Univ. Mich., 73, 1919, 4.

Part of type-lot. C. M., No. 62.16424, many specimens from Guatemala City, Guatemala. A. A. Hinkley coll.

Amnicola melanioides v. Martens, Biologia Centr. Amer. (L. and Fr. Moll.), 1899, 436.

Part of type-lot. C. M., No. 62.16285, seven specimens from Rio Platanales, Golfo Dulce, Costa Rica, (Pacific side).

Amnicola panzoënsis Walker, Occas. Papers Mus. Univ. Mich., 73, 1919, 3.

Part of type-lot. C. M., No. 62.16286, five specimens from Panzos, Guatemala. A. A. Hinkley coll.

Blanfordia simplex Pilsbry, Proc. Acad. Nat. Science Phila., LIV, 1902, 26.

Part of type-lot. C. M., No. 62.15438, six specimens from Nishigo, Uzen, Japan. Y. Hirase coll.

Clappia clappi Walker, Nautilus, XXII, 1909, 89.

Part of type-lot. C. M., No. 62.16310, many specimens from Coosa River, Duncan's Riffle, Chilton County, Alabama. H. H. Smith coll.

- Lartetia clessini postera** Geyer, Süßwasserfauna Deutsch. XIX, 1909, 24.
Part of type-lot. C. M., No. 62.16774, one specimen from Backnang, Württemberg, Germany.
- Lartetia goviensis** Geyer = **Lartetia suevica** form **goviensis** Geyer, Land und Süßwasser Mollusken Deutsch., XIX, 1909, 99.
Part of type-lot. C. M., No. 62.16777, two specimens from Reusten am Herrenberg, near Tübingen, Württemberg, Germany.
- Lartetia labiata** Geyer, Thiele, Süßwasserfauna Deutschl., XIX, 1909, 23.
Part of type-lot. C. M., No. 62.16769, two specimens from Degerfeld, Württemberg, Germany.
- Lartetia pellucida acuta** Geyer, Thiele, Süßwasserfauna Deutschl., XIX, 1909, 20.
Part of type-lot. C. M., No. 62.16764, one specimen from Elsachquelle, Urach, Württemberg, Germany.
- Lartetia pellucida ara** Geyer, Thiele, Süßwasserfauna Deutschl., XIX, 1909, 20.
Part of type-lot. C. M., No. 62.16765, two specimens from Reissenbadquelle, Reutlingen, Württemberg, Germany.
- Lartetia pellucida weinlandi** Geyer, Thiele, Süßwasserfauna Deutschl., XIX, 1909, 21.
Part of type-lot. C. M., No. 62.16766, two specimens from Urach, Württemberg, Germany.
- Lartetia photophila** Geyer, Thiele, Süßwasserfauna Deutschl., XIX, 1909, 22.
Part of type-lot. C. M., No. 62.16768, one specimen from Gruibingen, Württemberg, Germany.
- Lartetia putei** Geyer, Thiele, Süßwasserfauna Deutschl., XIX, 1909, 23.
Part of type-lot. C. M., No. 62.16770, one specimen from Kohlberg, Württemberg, Germany.
- Lartetia putei rösleri** Geyer, Thiele, Süßwasserfauna Deutschl., XIX, 1909, 24.
Part of type-lot. C. M., No. 62.16771, one specimen from Ofterdingen, Württemberg, Germany.

Lartetia saxigena tenuis Geyer, Thiele, Süßwasserfauna Deutschl., XIX, 1909, 21.

Part of type-lot. C. M., No. 62.16767, three specimens from Mühlheim, a.d. Donau, Württemberg, Germany.

Lartetia suevica Geyer, Thiele, Süßwasserfauna Deutschl., XIX, 1909, 24.

Part of type-lot. C. M., No. 62.16772, one specimen from Herrenberg, Württemberg, Germany.

Pyrgula pfeifferi Weber, Zoöl. Anzeig., LXX, 1927, 313.

Type-lot. C. M., No. 62.19859, two specimens from south end of Lake Egerdir, Anatolia, (Asia Minor). E. Pfeiffer coll.

Pyrgulopsis ozarkensis Hinkley, Proc. U. S. Natl. Mus., XLIX, 1916, 588.

Part of type-lot. C. M., No. 62.8928, six specimens from White Fork, White River, Norfolk, Baxter County, Arkansas. A. A. Hinkley coll.

Somatogyrus decipiens Walker, Nautilus, XXII, 1909, 86.

Part of type-lot. C. M., No. 62.16336, many specimens from Coosa River, Yellow Leaf Creek, Chilton County, Alabama. H. H. Smith coll.

Somatogyrus hendersoni Walker, Nautilus, XXII, 1909, 87.

Part of type-lot. C. M., No. 62.16342, five specimens from Coosa River, Duncan's Riffle, Chilton County, Alabama. H. H. Smith coll.

Somatogyrus pygmæus Walker, Nautilus, XXII, 1909, 88.

Part of type-lot. C. M., No. 62.16358, seven specimens from Coosa River, Yellow Leaf Creek, Chilton County, Alabama. H. H. Smith coll.

Family RISSOIDÆ.

Rissoia ogasawarana Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 26.

Part of type-lot. C. M., No. 62.9916, twelve specimens from Hahajima, Ogasawara Shima, Bonin Islands, Japan. Y. Hirase coll.

Family MELANIIDÆ.

Pachychilus vallesensis Hinkley, Nautilus, XXI, 1907, 25.

Part of type-lot. C. M., No. 62.7962, thirteen specimens from Valles River, Valles, San Luis Potosi, Mexico. A. A. Hinkley coll.

Family PLEUROCERIDÆ.

Anculosa arkansensis Hinkley, Proc. U. S. Natl. Mus., XLIX, 1916, 587.

Part of type-lot. C. M., No. 62.8937, fifty specimens from North Fork, White River, Norfolk, Baxter County, Arkansas. A. A. Hinkley coll.

Anculosa clipeata H. H. Smith, Misc. Publ. Univ. Mich. Mus., VII, 1922, 19.

Part of type-lot. C. M., No. 62.17421, seventeen specimens from Coosa River, Fort William Shoals, Shelby County, Alabama. H. H. Smith coll.

Anculosa chokoloccoënsis H. H. Smith, Misc. Publ. Univ. Mich. Mus., VII, 1922, 34.

Part of type-lot. C. M., No. 62.17476, six specimens from Chokolocco Creek, Jackson Shoals, Talladega County, Alabama. H. H. Smith coll.

Anculosa flexuosa H. H. Smith, Misc. Publ. Univ. Mich. Mus., VII, 1922, 34.

Part of type-lot. C. M., No. 62.17475, two specimens from Coosa River, Wetumpka, Elmore County, Alabama. H. H. Smith coll.

Anculosa sulcata H. H. Smith, Misc. Publ. Univ. Mich. Mus., VII, 1922, 46.

Part of type-lot. C. M., No. 62.17489, nine specimens from Coosa River, Ten Islands Shoals, St. Clair County, Alabama. H. H. Smith coll.

Goniobasis goodrichi Hinkley, Occas. Papers Univ. Mich. Mus., LXXVIII, 1920, 1.

Part of type-lot. C. M., No. 62.8127, five specimens from Branch of Swan Creek, near Aetna, Hickman County, Tennessee. A. A. Hinkley coll.

Gyrotoma walkeri H. H. Smith, Misc. Publ. Univ. Mich. Mus., No. 12, 1924, 25.

Part of type-lot. C. M., No. 62.18944, six specimens from Coosa River, Cedar Island, Chilton County, Alabama. H. H. Smith coll.

Strephobasis walkeri Goodrich = **Pleurocera walkeri** Goodrich, Univ. of Mich. Occas. Pap. Mus. Zool., No. 192, 1928, 14.

Part of type-lot. C. M., No. 62.18518, five specimens from Sequatchie River, Jasper, Marion County, Tennessee. C. Goodrich coll.

Family CERITHIIDÆ.

Cerithium chemnitzianum Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 393.

Part of type-lot. C. M., No. 62.9923, six specimens from Loo Choo Islands, Japan. Y. Hirase coll.

Cerithium modestum Adams = **Triforis modestus** C. B. Adams, Tryon, Man. Conch., IX, 1887, 188.

Part of type-lot. C. M., No. 62.3774, one specimen from Jamaica. Holland Collection.

Cerithium nigrocinctum Adams = **Triforis nigrocinctus** C. B. Adams, Tryon, Man. Conch., IX, 1887, 188.

Part of type-lot. C. M., No. 62.3773, one specimen from Massachusetts. Holland Collection.

Family BUCCINIDÆ.

SUBFAMILY PISANIINÆ.

Cantharus submenkeanus Pilsbry, Proc. Acad. Nat. Science Phila., 1901, 387.

Part of type-lot. C. M., No. 62.9946, six specimens from Hirado, Hizen, Japan. Y. Hirase coll.

Family PLEUROTOMIDÆ.

Clathurella linearis violacea Monteros, Man. Conch., VI, 1884, 277.

Part of type-lot. C. M., No. 62.17269, one specimen from Palermo, Sicily.

Daphnella fragilis articulata Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 385.

Part of type-lot. C. M., No. 62.9987, four specimens from Hirado, Hizen, Japan. Y. Hirase coll.

Daphnella nebula pallida Monteros, Man. Conch., VI, 1884, 308.

Part of type-lot. C. M., No. 62.17272, two specimens from Palermo, Sicily.

SUBCLASS EUTHYNEURA.

Order **OPISTHOBRANCHIATA.**

SUBORDER *TECTIBRANCHIATA.*

Family TORNATINIDÆ.

Tornatina decorata Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 37.

Part of type-lot. C. M., No. 62.9992, six specimens from Hirado, Prov. Hizen, Japan. Y. Hirase coll.

Order **PULMONATA.**

SUBORDER *THALASSOPHILA.*

Family SIPHONARIIDÆ.

Siphonaria rucuana Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 36.

Part of type-lot. C. M., No. 62.9993, five specimens from Loo Choo Islands, Japan. Y. Hirase coll.

SUBORDER *BASOMMATOPHORA.*

Family AURICULIDÆ.

Carychium cymatoplax Pilsbry, Nautilus, XV, 1901, 23.

Part of type-lot. C. M., No. 62.15439, ten specimens from Yaeyama, Loo Choo Islands, Japan. Y. Hirase coll.

Carychium exiguum floridanum G. H. Clapp, Nautilus, XXXI, 1918, 73.

Type-lot. Clapp, No. 8569, thirty specimens from Snapper Creek Hammock, south of Miami, Dade County, Florida. (One designated as figured type.) C. T. Simpson coll.

Carychium exile canadense G. H. Clapp, Nautilus, XIX, 1906, 139.

Type-lot. Clapp, No. 5114, fourteen specimens from Kennebunkport, York County, Maine. G. H. Clapp coll.

Carychium hachijoense Pilsbry, Nautilus, XVI, 1902, 57.

Part of type-lot. C. M., No. 62.15440, six specimens from Hachijojima, Izu, Japan. Y. Hirase coll.

Carychium nannodes G. H. Clapp, Nautilus, XIX, 1905, 91.

Type-lot. Clapp, No. 5401, sixty or more specimens from Monte Sano, five miles from East Huntsville, Alabama. H. H. Smith coll.

Carychium pessimum Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 562.

Part of type-lot. C. M., No. 62.15444, six specimens from Tanegashima, Osumi, Japan. Y. Hirase coll.

Carychium pessimum boreale Pilsbry and Hirase, Nautilus, XVII, 1904, 119.

Part of type-lot. C. M., No. 62.15442, six specimens from Harutori, Kushiro, Japan. Y. Hirase coll.

Carychium stygium Call, American Naturalist, XXXI, 1897, 377.

Part of type-lot. Clapp, No. 753, twelve specimens from Mammoth Cave, Edmonson County, Kentucky. R. E. Call coll.

Pythia nana Bavay, Conchol. Mag., II, 1908, 1.

Part of type-lot. C. M., No. 62.15741, six specimens from Loo Choo Islands, Japan. Y. Hirase coll.

Family LYMNÆIDÆ.

Galba hendersoni Baker, Nautilus, XXII, 1909, 140.

Part of type-lot. C. M., No. 62.12535, two specimens from west of Fort Collins, Laramie County, Colorado.

Family PLANORBIDÆ.

Planorbis antrosus percarinatus Walker, Nautilus, XXIII, 1909, 6.

Part of type-lot. C. M., No. 62.13115, three specimens from Crystal Lake, Benzie County, Michigan. B. Walker coll.

Segmentina obstructa anodonta Pilsbry, Proc. Acad. Nat. Science Phila., 1919, 219.

Part of type-lot. C. M., No. 62.8420, twenty-nine specimens from four miles north of Guatemala City, Guatemala. A. A. Hinkley coll.

Family ANCYLIDÆ.

Neoplanorbis carinatus Walker, Nautilus, XXI, 1908, 127.

Part of type-lot. C. M., No. 62.13079, many specimens from Coosa River, Duncan's Riffle, Coosa County, Alabama. H. H. Smith coll.

Neoplanorbis smithi Walker, Nautilus, XXI, 1908, 126.

Part of type-lot. C. M., No. 62.13085, thirty specimens from Coosa River, Higgin's Ferry, Chilton County, Alabama. H. H. Smith coll.

Neoplanorbis umbilicatus Walker, Nautilus, XXI, 1908, 126.

Part of type-lot. C. M., No. 62.13083, fifteen specimens from Coosa River, the Bar, two and one half miles above Yellow Leaf Creek, Chilton County, Alabama. H. H. Smith coll.

SUBORDER *STYLOMMATOPHORA*.

SUPERFAMILY HOLOPODA.

Family HELICIDÆ.

Ashmunella angulata Pilsbry, Proc. Acad. Nat. Science Phila., 1905, 244.

Part of type-lot. Clapp, No. 7032, three specimens from Chiricahua Mountains, Arizona. J. H. Ferriss coll.

Ashmunella danielsi Pilsbry and Ferriss, Nautilus, XXIX, 1915, 34.

Part of type-lot. Clapp, No. 7757, ten specimens from Cave Spring Canyon, Mogollon Mountains, New Mexico. J. H. Ferriss coll.

Ashmunella danielsi dispar Pilsbry and Ferriss, Nautilus, XXIX, 1915, 41.

Part of type-lot. Clapp, No. 7758, five specimens from Little White Water, Glenwood, New Mexico. J. H. Ferriss coll.

Ashmunella ferrissi Pilsbry, Proc. Acad. Nat. Science Phila., 1905, 247.

Part of type-lot. Clapp, No. 7038, seven specimens from Cave Creek Canyon, Chiricahua Mountains, Arizona. J. H. Ferriss coll.

Ashmunella fissidens pomeroi Pilsbry and Ferriss, Proc. Acad. Nat. Science Phila., 1910, 105.

Part of type-lot. Clapp, No. 7439, three specimens from Hand's Pass, Chiricahua Mountains, Arizona. J. H. Ferriss coll.

Ashmunella kochii G. H. Clapp, Nautilus, XXII, 1908, 77.

Type-lot. Clapp, No. 5765, nine specimens from Black Mountain, south end of San Andreas Range, Donna Aña County, New Mexico. (One designated as *Type*.) W. E. Koch coll.

Ashmunella levettei angigyra Pilsbry, Proc. Acad. Nat. Science Phila., 1905, 240.

Part of type-lot. Clapp, No. 7019, eight specimens from Ramsey Canyon, Huachuca Mountains, Cochise County, Arizona. J. H. Ferriss coll.

Ashmunella levettei heterodonta Pilsbry, Proc. Acad. Nat. Science Phila., 1905, 241.

Part of type-lot. Clapp, No. 7022, three specimens from Huachuca Mountains, Cochise County, Arizona. J. H. Ferriss coll.

Ashmunella mearnsii Dall, Proc. U. S. Natl. Mus., XVIII, 1895, 2.

Part of type-lot. Clapp, No. 5766, one specimen, Huachuca Mountains, Arizona. Boundary Commission coll.

Ashmunella proxima emigrans Pilsbry and Ferriss, Proc. Acad. Nat. Science Phila., 1910, 102.

Part of type-lot. Clapp, No. 7437, four specimens from Big Emigrant Canyon, Chiricahua Mountains, Arizona. J. H. Ferriss coll.

Ashmunella rhyssa edentata Cockerell = **Ashmunella rhyssa hyporhyssa** Cockerell, Pilsbry and Ferriss, Nautilus, XIV, 1900, 72.

Part of type-lot. C. M., No. 62.14630, one specimen from James Canyon, Cloudcroft, New Mexico. T. D. A. Cockerell coll.

Ashmunella tetrodon Pilsbry and Ferriss, Nautilus, XXIX, 1915, 15.

Part of type-lot. Clapp, No. 7759, five specimens from Dry Creek Canyon, Mogollon Mountains, New Mexico. J. H. Ferriss coll.

Ashmunella tetrodon fragilis Pilsbry and Ferriss, Proc. Acad. Nat. Science Phila., 1917, 89.

Part of type-lot. Clapp, No. 12260, three specimens from Cave Creek, Black Range, New Mexico. Station 58.

Ashmunella tetrodon inermis Pilsbry and Ferriss, Nautilus, XXIX, 1915, 33.

Part of type-lot. Clapp, No. 7761, two specimens from Dry Creek Canyon, Mogollon Mountains, New Mexico. J. H. Ferriss coll.

Ashmunella tetrodon mutata Pilsbry and Ferriss, Nautilus, XXIX, 1915, 31.

Part of type-lot. Clapp, No. 12196, two specimens from Big Dry Creek, above the Box, southwest side of Mogollon Mountains, New Mexico. Daniels and Walker coll.

Ashmunella townsendi Bartsch, Smithsonian Misc. Coll., XLVII, 1904, 13.

Part of type-lot. Clapp, No. 9990, one specimen from Sierra Blanco, above Ruidoso, New Mexico. H. A. Pilsbry coll.

Ashmunella walkeri Ferriss, Nautilus, XVIII, 1904, 53.

Part of type-lot. Clapp, No. 7039, one specimen from Florida Mountains, Luna County, New Mexico. J. H. Ferriss coll.

Buliminopsis turrata Gude, Proc. Malacol. Soc. London, IV, 1901, 75.

Part of type-lot. C. M., No. 62.15991, twelve specimens from Loo Choo Islands, Japan. Y. Hirase coll.

Chloritis albolabris Pilsbry and Hirase, Nautilus, XVI, 1902, 76.

Part of type-lot. C. M., No. 62.15446, three specimens from Yakushima, Osumi, Japan. Y. Hirase coll.

Chloritis bracteata Pilsbry, Nautilus, XVI, 1902, 21.

Part of type-lot. C. M., No. 62.15448, two specimens from Nishigo, Uzen, Japan. Y. Hirase coll.

Chloritis goniostoma Möllendorff, Nachrbl. der Deutschen Malak. Ges., 1892, 92.

Part of type-lot. C. M., No. 62.17297, five specimens from Tenimber, Sunda Islands, Malay Archipelago.

Chloritis hirasei Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 565.

Part of type-lot. C. M., No. 62.15447, three specimens from Kurozu, Kii, Japan. Y. Hirase coll.

Chloritis perpunctata Pilsbry, Nautilus, XV, 1902, 116.

Part of type-lot. C. M., No. 62.15789, two specimens from Totsugawa, Yamato, Japan. Y. Hirase coll.

Epiphragmophora exarata rubicunda Rowell, Nautilus, XVI, 1902, 52.

Part of type-lot. Clapp, No. 5193, two specimens from Free-stone, Sonoma County, California. J. Rowell coll.

Epiphragmophora hutsoni G. H. Clapp, Nautilus, XX, 1907, 136.

Type-lot. Clapp, No. 5659, five specimens from Plumosa Range, Quartzsite, Arizona. G. S. Hutson coll.

Eulota æmula Gude, Proc. Malacol. Soc. London, IV, 1900, 71.

Part of type-lot. C. M., No. 62.15515, twelve specimens from Takeya, Idzumo, Japan. Y. Hirase coll.

Eulota aperta awajiensis Gude, Proc. Malacol. Soc. London, IV, 1900, 11.

Part of type-lot. C. M., No. 62.15533, six specimens from Fukura, Awaji, Japan. Y. Hirase coll.

Eulota aperta cavata Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 564.

Part of type-lot. C. M., No. 62.15498, four specimens from Tomisato, Kii, Japan. Y. Hirase coll.

Eulota callizona dixoni Pilsbry and Hirase, Nautilus, XIV, 1900, 60.

Part of type-lot. C. M., No. 62.15550, four specimens from Inga, Hoki, Japan. Y. Hirase coll.

Eulota callizona minor Gude, Proc. Malacol. Soc. London, IV, 1900, 15.

Part of type-lot. C. M., No. 62.15552, six specimens from Hagi, Nagato, Japan. Y. Hirase coll.

Eulota cavitectum Pilsbry and Hirase, Nautilus, XVI, 1903, 134.

Part of type-lot. C. M., No. 62.15546, six specimens from Kochi, Tosa, Japan. Y. Hirase coll.

Eulota chishimana Pilsbry and Hirase, Nautilus, XVII, 1904, 116.

Part of type-lot. C. M., No. 62.15553, two specimens from Kunajiri, Chishima, Japan. Y. Hirase coll.

- Eulota conella** A. Adams. See **Eulota deflexa** Pilsbry. Topotype of **Helix conella** A. Adams.
- Eulota conomphala** Pilsbry and Hirase, Nautilus, XVII, 1903, 45.
Part of type-lot. C. M., No. 62.15517, four specimens from Yakushima, Osumi, Japan. Y. Hirase coll.
- Eulota deflexa** Pilsbry = **Eulota conella** A. Adams, Proc. Acad. Nat. Science Phila., LIV, 1902, 235.
Part of type-lot. C. M., No. 62.15516, four specimens from Tobishima, Ugo, Japan. Y. Hirase coll.
- Eulota despecta ikiensis** Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 627.
Part of type-lot. C. M., No. 62.15509, six specimens from Yawata, Iki, Japan. Y. Hirase coll.
- Eulota elegantissima cara** Pilsbry, Nautilus, XIV, 1901, 107.
Part of type-lot. C. M., No. 62.15519, four specimens from Kunchan, Loo Choo Islands, Japan. Y. Hirase coll.
- Eulota endo** Pilsbry and Hirase, Nautilus, XVII, 1904, 105.
Part of type-lot. C. M., No. 62.15488, six specimens from Seta, Omi, Japan. Y. Hirase coll.
- Eulota euterpe** Pilsbry and Hirase, Nautilus, XVII, 1903, 44.
Part of type-lot. C. M., No. 62.15556, three specimens from Kunchan, Riukiu Island, Loo Choo Islands, Japan. Y. Hirase coll.
- Eulota friedeliana humerosa** Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 625.
Part of type-lot. C. M., No. 62.15505, four specimens from Shimo-Koshikijima, Satsuma, Japan. Y. Hirase coll.
- Eulota grata** Gude = **Euhadra grata** Gude, Ann. Mag. Nat. Hist. VI, 1900, 455, and Proc. Acad. Nat. Science Phila., LXXX, 1928, 143.
Part of type-lot. C. M., No. 62.15557, nine specimens from Nishigo, Uzen, Japan. Y. Hirase coll.
- Eulota horrida** Pilsbry, Nautilus, XIV, 1900, 11.
Part of type-lot. C. M. No. 62.15521, six specimens from Nishigo, Uzen, Japan. Y. Hirase coll.
- Eulota inornata** Pilsbry, Nautilus, XIV, 1901, 129.
Part of type-lot. C. M., No. 62.15522, four specimens from Yaeyama, Loo Choo Islands, Japan. Y. Hirase coll.

- Eulota intonsa** Pilsbry and Hirase, Nautilus, XVI, 1902, 77.
Part of type-lot. C. M., No. 62.15534, six specimens from Suimura, Awa, Shikoku, Japan. Y. Hirase coll.
- Eulota irrediviva** Pilsbry and Hirase, Nautilus, XVIII, 1904, 32.
Part of type-lot. C. M., No. 62.15558, three specimens (Fossil) from Okinoerabushima, Osumi, Japan. Y. Hirase coll.
- Eulota kobensis discus** Pilsbry and Hirase, Nautilus, XVII, 1904, 105.
Part of type-lot. C. M., No. 62.15536, six specimens from Amasaki, Tosa, Japan. Y. Hirase coll.
- Eulota kobensis gotoënsis** Pilsbry and Hirase, Nautilus, XVI, 1902, 76.
Part of type-lot. C. M., No. 62.15537, six specimens from Goto, Hizen, Japan. Y. Hirase coll.
- Eulota kiusiuensis** Pilsbry, Nautilus, XIV, 1900, 79.
Part of type-lot. C. M., No. 62.15523, four specimens from Kikai, Osumi, Japan. Y. Hirase coll.
- Eulota kiusiuensis oshimana** Pilsbry and Hirase, Nautilus, XVI, 1903, 115.
Part of type-lot. C. M., No. 62.15524, four specimens from Oshima, Osumi, Japan. Y. Hirase coll.
- Eulota lepidophora** Gude, Proc. Malacol. Soc. London, IV, 1901, 76.
Part of type-lot. C. M., No. 62.15525, six specimens from Loo Choo Islands, Japan. Y. Hirase coll.
- Eulota luhuana aomoriensis** Pilsbry and Gulick, Nautilus, XIV, 1900, 89.
Part of type-lot. C. M., No. 62.15559, four specimens from Chojamura, Mutsu, Japan. Y. Hirase coll.
- Eulota luhuana pachya** Pilsbry = **Euhadra pachya** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 614, and LXXX, 1928, 123.
Part of type-lot. C. M., No. 62.15500, six specimens from Kikai, Osumi, Japan. Y. Hirase coll.
- Eulota luhuana vortex** Pilsbry, Proc. Acad. Nat. Sci., Phila., 1928, 136.
Part of type-lot. C. M., No. 62.15564, three specimens from Kochi, Tosa, Japan. Y. Hirase coll.

- Eulota luhuana yakushimana** Pilsbry and Hirase = **Euhadra yakushimana** Pilsbry, Nautilus, XVII, 1903, 78, and Proc. Acad. Nat. Science Phila., LXXX, 1928, 124.
Part of type-lot. C. M., No. 62.15565, three specimens from Yakushima, Osumi, Japan. Y. Hirase coll.
- Eulota marginata** Pilsbry and Hirase, Nautilus, XVII, 1903, 44.
Part of type-lot. C. M., No. 62.15527, two specimens from Kunchan, Riukiu Island, Loo Choo Islands, Japan. Y. Hirase coll.
- Eulota martensiana** Pilsbry, Nautilus, XIV, 1901, 129.
Part of type-lot. C. M., No. 62.15538, six specimens from Sedake, Osumi, Japan. Y. Hirase coll.
- Eulota mercatoria daemonorum** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 545.
Part of type-lot. C. M., No. 62.15495, four specimens from Kikai, Osumi, Japan. (Fossil) Y. Hirase coll.
- Eulota mercatoria perversa** Pilsbry, Add. Cat. Land Shells Japan, 1908, 12. See **Nautilus**, XLV, 1931.
Part of type-lot. C. M., No. 62.15567, two specimens from Kumejima, Riukiu Island, Loo Choo Islands, Japan. Y. Hirase coll.
- Eulota mimula mikuriyensis** Pilsbry, Nautilus, XVI, 1902, 45.
Part of type-lot. C. M., No. 62.15540, four specimens from Mikuriya, Suruga, Japan. Y. Hirase coll.
- Eulota nioyaka** Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 627.
Part of type-lot. C. M., No. 62.15510, five specimens from Toba, Shima, Japan. Y. Hirase coll.
- Eulota omiensis** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 545.
Part of type-lot. C. M., No. 62.15496, six specimens from Itanami, Omi, Japan. Y. Hirase coll.
- Eulota omiensis echizenensis** Pilsbry and Hirase, Nautilus, XVI, 1902, 76.
Part of type-lot. C. M., No. 62.15528, four specimens from Arato, Echizen, Japan. Y. Hirase coll.

- Eulota omma** Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 625.
Part of type-lot. C. M., No. 62.15506, four specimens from Taramajima, Loo Choo Islands, Japan. Y. Hirase coll.
- Eulota oshimæ** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 346.
Part of type-lot. C. M., No. 62.15492, six specimens from Oshima, Osumi, Japan. Y. Hirase coll.
- Eulota pannosa** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 563.
Part of type-lot. C. M., No. 62.15497, Atsumi, Uzen, Japan. Y. Hirase coll.
- Eulota pannosa awashimana** Pilsbry and Hirase, Nautilus, XVIII, 1904, 3.
Part of type-lot. C. M., No. 62.15530, four specimens from Awashima, Echigo, Japan. Y. Hirase coll.
- Eulota peliomphala septentrionalis** Ehrmann, Pilsbry and Gulick, Nautilus, XVI, 1902, 68.
Part of type-lot. C. M., No. 62.15572, four specimens from Shikonube, Ojima, Japan. Y. Hirase coll.
- Eulota senckenbergiana awænsis** Pilsbry = **Euhadra idzumonis awænsis** Pilsbry, Proc. Acad. Nat. Science Phila., LIV, 1902, 31, and LXXX, 1928, 136.
Part of type-lot. C. M., No. 62.15501, four specimens from Suimura, Awa, Shikoku, Japan. Y. Hirase coll.
- Eulota submandarina compacta** Pilsbry, Nautilus, XVI, 1902, 46.
Part of type-lot. C. M., No. 62.15577, three specimens from Yakushima, Osumi, Japan. Y. Hirase coll.
- Eulota submandarina magna** Pilsbry, Nautilus, XV, 1901, 62.
Part of type-lot. C. M., No. 62.15578, three specimens from Yakushima, Osumi, Japan. Y. Hirase coll.
- Eulota submandarina miyakejimana** Pilsbry and Hirase, Nautilus, XVII, 1903, 53.
Part of type-lot. C. M., No. 62.15579, four specimens from Miyakejima, Izu, Japan. Y. Hirase coll.

- Eulota tokunoshimana** Pilsbry and Hirase, *Nautilus*, XVIII, 1904, 33.
Part of type-lot. C. M., No. 62.15543, three specimens from Tokunoshima, Osumi, Japan. Y. Hirase coll.
- Eulota vulgivage lanx** Pilsbry, *Proc. Acad. Nat. Science Phila.*, LIV, 1902, 32.
Part of type-lot. C. M., No. 62.15503, six specimens from Suimura, Awa, Shikoku, Japan. Y. Hirase coll.
- Ganesella adelinæ** Pilsbry, *Proc. Acad. Nat. Science Phila.*, LIII, 1901, 546.
Part of type-lot. C. M., No. 62.15593, six specimens from Oshima, Osumi, Japan. Y. Hirase coll.
- Ganesella jacobii** Pilsbry, *Nautilus*, XIV, 1900, 12.
Part of type-lot. C. M., No. 62.15600, four specimens from Ibuki, Omi, Japan. Y. Hirase coll.
- Ganesella japonica carinata** Pilsbry, *Proc. Acad. Nat. Science Phila.*, LIII, 1901, 567.
Part of type-lot. C. M., No. 62.15599, six specimens from Ibuki, Omi, Japan. Y. Hirase coll.
- Ganesella japonica heteroglypta** Hirase, *Proc. Acad. Nat. Science Phila.*, 1899, 529.
Part of type-lot. C. M., No. 62.15613, six specimens from Fukura, Awaji, Japan. Y. Hirase coll.
- Ganesella myomphala okinoshimana** Pilsbry, *Proc. Acad. Nat. Science Phila.*, LVI, 1904, 630.
Part of type-lot. C. M., No. 62.15602, three specimens from Okinoshima, Tosa, Japan. Y. Hirase coll.
- Ganesella optima** Pilsbry, *Nautilus*, XV, 1902, 116.
Part of type-lot. C. M., No. 62.15608, four specimens from Suimura, Awa, Japan. Y. Hirase coll.
- Ganesella pagodula** Ehrmann, *Zoöl. Anzeiger*, XXIII, 1900, 381.
Part of type-lot. C. M., No. 62.15616, six specimens from Nohara, Yamato, Japan. Y. Hirase coll.
- Ganesella selasia** Pilsbry, *Proc. Acad. Nat. Science Phila.*, LIII, 1901, 566.
Part of type-lot. C. M., No. 62.15595, five specimens from Nachi, Kii, Japan. Y. Hirase coll.

Ganesella selasia textilis Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 630.

Part of type-lot. C. M., No. 62.15603, three specimens from Arakura, Tosa, Japan. Y. Hirase coll.

Ganesella sororcula Pilsbry, Nautilus, XV, 1902, 116.

Part of type-lot. C. M., No. 62.15606, three specimens (fossil) from Kikai, Osumi, Japan. Y. Hirase coll.

Ganesella sororcula tokunoshimana Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 629.

Part of type-lot. C. M., No. 62.15607, three specimens from Tokunoshima, Osumi, Japan. Y. Hirase coll.

Ganesella tanegashimæ Pilsbry, Nautilus, XV, 1901, 63.

Part of type-lot. C. M., No. 62.15609, three specimens from Tanegashima, Osumi, Japan. Y. Hirase coll.

Ganesella tanegashimæ dulcis Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 565.

Part of type-lot. C. M., No. 62.15594, three specimens from Tanegashima, Osumi, Japan. Y. Hirase coll.

Ganesella wiegmanniana Pilsbry, Nautilus, XIV, 1901, 116.

Part of type-lot. C. M., No. 62.15612, ten specimens from Kochi, Tosa, Japan. Y. Hirase coll.

Helicella barneyana (Ancey) Pilsbry, Man. Conch., (2), VIII, 1892, 183.

Part of type-lot. C. M., No. 62.9775, four specimens from Berrouaghia, Algeria. C. F. Ancey coll.

Helix pomatia lednicensis Brancsik, Nachrichtsbl. Deutsch. Mal. Ges., 1888, 117.

Part of type-lot. C. M., No. 62.18357, four specimens from Ruin Ledniez, Com. Trencsin, Hungary. Dr. C. Brancsik coll.

Helix urmiensis Kobelt, Nachrbl. der Deutschen Malak. Ges., XXI, 1889, 139.

Part of type-lot. C. M., No. 62.16741, two specimens from Urmia, Persia.

- Leptaxis portosanctana evoluta** Cockerell, Nature, 1921, 10.
Part of type-lot. C. M., No. 62.16666, two specimens from west side of Ilhao de Lima, Madeira. Dr. T. D. A. Cockerell coll.
- Leptaxis undata grandior** Cockerell, Nautilus, XXXIV, 1921, 114.
Part of type-lot. C. M., No. 62.16668, one specimen from east of Canical, Madeira. Dr. T. D. A. Cockerell coll.
- Mandarina exoptata** Pilsbry, Nautilus, XV, 1902, 117.
Part of type-lot. C. M., No. 62.15587, four specimens from Hahajima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.
- Mandarina hirasei** Pilsbry, Nautilus, XV, 1902, 141.
Part of type-lot. C. M., No. 62.15588, ten specimens from Chichijima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.
- Mandarina mandarina conus** Pilsbry, Nautilus, XVI, 1902, 6.
Part of type-lot. C. M., No. 62.15585, six specimens from Imotoshima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.
- Mandarina mandarina hahajimana** Pilsbry, Proc. Acad. Nat. Science Phila., LIV, 1902, 29.
Part of type-lot. C. M., No. 62.15584, four specimens from Hahajima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.
- Mandarina mandarina ponderosa** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 402.
Part of type-lot. C. M., No. 62.15583, ten specimens from Hahajima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.
- Mandarina mandarina trifasciata** Pilsbry, Cat. Land Shells Japan, 1903.
Part of type-lot. C. M., No. 62.15586, three specimens from Nakanoshima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.
- Moellendorffia eucharistus** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 347.
Part of type-lot. C. M., No. 62.15711, six specimens from Oshima, Osumi, Japan. Y. Hirase coll.

Papuina layardi Hartman, Proc. Acad. Nat. Science Phila., 1889, 91.
Type-lot. C. M., No. 62.2910, three specimens from Aura
Island, New Hebrides. W. D. Hartman coll.

Plectopylis fimbriosa emoriens Gredler = **Helix fimbriosa** Hende (in
part) not Martens., Man. Conch., (2), III, 1887, 158.
Part of type-lot. C. M., No. 62.17523, three specimens from
Hunan, China. Gredler coll.

Plectopylis hirasei Pilsbry, Nautilus, XVIII, 1904, 58.
Part of type-lot. C. M., No. 62.15719, six specimens from
Miyakojima, Riukiu Island, Loo Choo Islands, Japan. Y.
Hirase coll.

Pleurodonte clappi Pilsbry, Nautilus, XV, 1901, 34.
Part of type-lot. Clapp, No. 4091, two specimens from Alto
de Cielo, Sierra de Santa Marta, U. S. Colombia. H. H.
Smith coll.

Polygyra albolabris goodrichi G. H. Clapp, Annals Carn. Mus., X,
1916.
Type-lot. Clapp, No. 7465, thirty-five specimens from Middle
Sister Island, Lake Erie, Ontario, Canada. (One marked
type.) Clapp, Goodrich, and Walker coll.

Polygyra albolabris maritima Pilsbry *See* **Polygyra albolabris minor**
Sterki.

Polygyra albolabris minor Sterki = **Polygyra albolabris maritima**
Pilsbry, Proc. Ohio Acad., IV, 1907, 376.
Type-lot. C. M., No. 62.18288, ten specimens from New
Philadelphia, Tuscarawas County, Ohio. Dr. V. Sterki coll.

Polygyra barbata G. H. Clapp, Nautilus, XVIII, 1904, 85.
Type-lot. Clapp, No. 5116, eighteen specimens from near
Tallapoosa River, E. of Wetumpka, Elmore County,
Alabama. H. H. Smith coll.

Polygyra binneyana Pilsbry, Nautilus, XIII, 1899, 38.
Part of type-lot. Clapp, No. 2374, two specimens from
Tushkahomma, Choctaw Nation, Indian Territory. J. H.
Ferriss coll.

Polygyra binneyana chastatensis Pilsbry and Ferriss, Proc. Acad. Nat. Science Phila., 1906, 549.

Part of type-lot. Clapp, No. 3114, two specimens from Chastat Mountains, south of Mena, Polk County, Arkansas. J. H. Ferriss coll.

Polygyra blandiana Pilsbry, Proc. Acad. Nat. Science Phila., 1903, 203.

Part of type-lot. Clapp, No. 4282, six specimens from Springfield, Missouri. J. H. Ferriss coll.

Polygyra brevipila G. H. Clapp, Nautilus, XX, 1907, 110.

Type-lot. Clapp, No. 5656, ten specimens from Horseblock Mountain, Talladega County, Alabama. H. H. Smith coll.

Polygyra brevipila cherokeensis G. H. Clapp, Nautilus, XXX, 1916, 3.

Type-lot. Clapp, No. 7871, twenty-five specimens from near Pleasant Gap, Cherokee County, Alabama. H. H. Smith coll.

Polygyra cohuttensis G. H. Clapp, Nautilus, XXVIII, 1914, 78.

Type-lot. Clapp, No. 6866, fifteen specimens from Fort Mountain, Cohutta Mountains, Murray County, Georgia. (One specimen is the figured type.) H. H. Smith coll.

Polygyra decepta G. H. Clapp, Nautilus, XIX, 1905, 25.

Type-lot. Clapp, No. 5223, thirty-five specimens from Blount Springs, Blount County, Alabama. H. H. Smith coll.

Polygyra devia clappi Hemphill = **Helix devia clappi** Hemphill, Nautilus, XI, 1897, 74.

Part of type-lot. Clapp, No. 774, two specimens from Salmon River, Idaho. H. Hemphill coll.

Polygyra divesta indianorum Pilsbry, Nautilus, XIII, 1899, 39.

Part of type-lot. Clapp, No. 2414, eight specimens from Tushkahomma, Choctaw Nation, Indian Territory. J. H. Ferriss coll.

Polygyra edentata magazinensis Pilsbry and Ferriss, Proc. Acad. Nat. Science Phila., 1906, 545.

Part of type-lot. Clapp, No. 5151, nine specimens from Magazine Mountains, Logan County, Arkansas. J. H. Ferriss coll.

- Polygyra fallax goniosoma** Pilsbry, Nautilus, XXVI, 1912, 80.
Part of type-lot. Clapp, No. 7844, four specimens from Blountstown, Calhoun County, Florida. C. W. Johnson coll.
- Polygyra ferrissi sericea** Ferriss, Nautilus, XIX, 1905, 67.
Part of type-lot. Clapp, No. 5413, one specimen from Balsam Mountain, Swain County, North Carolina. J. H. Ferriss coll.
- Polygyra indianorum lioderma** Pilsbry, Proc. Acad. Nat. Science Phila., 1902, 511.
Part of type-lot. Clapp, No. 4701, two specimens from Red Fork, Indian Territory. J. H. Ferriss.
- Polygyra inflecta approximans** G. H. Clapp, Nautilus, XIX, 1905, 74.
Type-lot. Clapp, No. 5389, twenty-one specimens from Marion, Perry County, Alabama. H. H. Smith coll.
- Polygyra inflecta mobilensis** G. H. Clapp, Nautilus, XXVIII, 1915, 128.
Type-lot. Clapp, No. 7163, twenty specimens from Mobile, Mobile County, Alabama. L. H. McNeill coll.
- Polygyra jacksoni deltoidea** Simpson, Proc. U. S. Natl. Mus., 1888, 450.
Part of type-lot. Clapp, No. 880, fifty plus specimens from Fort Gibson, Indian Territory. J. B. Henderson coll.
- Polygyra labrosa fimbriata** G. H. Clapp, Nautilus, XXX, 1917, 139.
Type-lot. Clapp, No. 8112, eleven specimens from Sulphur City, Washington County, Arkansas. A. J. Brown coll.
- Polygyra lawæ** Lewis, Proc. Acad. Nat. Science Phila., 1874, 118.
Part of type-lot. Clapp, No. 2026, six specimens from Hayesville, North Carolina. Dr. James Lewis coll.
- Polygyra loricata sonomænsis** Hemphill, Trans. San Diego Soc. Nat. Hist., I, 1911, 101.
Part of type-lot. Clapp, No. 876, one specimen from Sonoma County, California. H. Hemphill coll.
- Polygyra multilineata algonquinensis** Nason, Nautilus, XIX, 1906, 141.
Part of type-lot. Clapp, No. 5487, four specimens from Algonquin, Illinois. Bryant Walker coll.

Polygyra obstricta occidentalis Pilsbry and Ferriss, Proc. Acad. Nat. Science Phila., 1906, 543.

Part of type-lot. Clapp, No. 4303, four specimens from near Benton, Saline County, Arkansas. Prof. Stewart Weller coll.

Polygyra pilsbryi Ferriss, Nautilus, XIV, 1900, 29.

Part of type-lot. Clapp, No. 4281, four specimens from Rich Mountain, Polk County, Arkansas. J. H. Ferriss coll.

Polygyra profunda strontiana G. H. Clapp, Annals Carn. Mus., X, 1916.

Type-lot. Clapp, No. 7466, seventeen specimens from Green Island, Lake Erie, Ohio. (One marked as type) Clapp, Goodrich, Walker coll.

Polygyra smithii G. H. Clapp, Nautilus, XIX, 1905, 73.

Type-lot. Clapp, No. 5388, seven specimens from Monte Sano, east of Huntsville, Madison County, Alabama. H. H. Smith coll.

Polygyra stenotrema nuda Pilsbry, Proc. Acad. Nat. Science Phila., 1900, 129.

Part of type-lot. Clapp, No. 4056, one specimen from Nashville, Tennessee. H. A. Pilsbry coll.

Polygyra stenotrema seminuda G. H. Clapp, Nautilus, XVIII, 1904, 86.

Type-lot. Clapp, No. 5117, twenty-five specimens from Bangor, north of Blount Springs, Blount County, Alabama. H. H. Smith coll.

Polygyra suprazonata Pilsbry, Proc. Acad. Nat. Science Phila., 1899, 393.

Part of type-lot. Clapp, No. 2698, two specimens from Tzintzuntian, Lake Patzcuaro, Michoacan, Mexico. S. N. Rhoades coll.

Polygyra texasensis Pilsbry, Nautilus, XVI, 1902, 31.

Part of type-lot. Clapp, No. 4703, one specimen from Colorado City, Mitchell County, Texas. J. H. Ferriss coll.

Polygyra tridentata discoidea Pilsbry, Nautilus, XVII, 1904, 142.

Part of type-lot. Clapp, No. 5016, six specimens from Charlestown Landing, Clark County, Indiana. L. E. Daniels coll.

- Polygyra tridentata juxtidentis** Pilsbry, Proc. Acad. Nat. Science Phila., 1894, 20.
Part of type-lot. C. M., No. 62.8086, three specimens from Cave Town, Washington County, Maryland. Pilsbry and Ives coll.
- Polygyra tridentata tennesseensis** Pilsbry and Walker, Proc. Acad. Nat. Science Phila., 1902, 413.
Part of type-lot. Clapp, No. 4289, two specimens from Paint Rock, Roane County, Tennessee. J. H. Ferriss coll.
- Polygyra wetherbyi** Bland, Ann. Lyc. Nat. Hist. New York, X, 1873, 361.
Part of type-lot. (of three specimens) Clapp, No. 234, one specimen from Whitley County, Kentucky. A. G. Wetherby coll.
- Polygyra wheatleyi clingmanica** Pilsbry, Nautilus, XVIII, 1904, 90.
Part of type-lot. Clapp, No. 2830, six specimens from Clingman's Dome, Smoky Mountains, Tennessee. G. H. Clapp coll.
- Praticolella campi** Clapp and Ferriss, Nautilus, XXXII, 1919, 78.
Type-lot. Clapp, No. 9016, forty-two specimens and Part of type-lot. C. M., No. 62.13236, eleven specimens from Brownsville, Cameron County, Texas. J. H. Ferriss and R. D. Camp coll.
- Praticolella strebeliana** Pilsbry, Proc. Acad. Nat. Science Phila., 1899, 394.
Part of type-lot. Clapp, No. 2700, two specimens from Biente, near Monterey, Nuevo Leon, Mexico. S. N. Rhoades coll.
- Thysanophora macneilli** G. H. Clapp, Nautilus, XXXI, 1918, 74.
Type-lot. Clapp, No. 8572, thirty-five specimens from Shell Bank at Magazine Point, eight miles north of Mobile, Mobile County, Alabama. (One designated as, "Figured Type.")
- Sonorella bicipitis** Pilsbry and Ferriss, Proc. Acad. Nat. Science Phila., 1910, 55.
Part of type-lot. Clapp, No. 7424, three specimens from Buckeye Canyon, Chiricahua Mountains, Arizona. J. H. Ferriss coll.

Sonorella binneyi Pilsbry and Ferriss, Proc. Acad. Nat. Science Phila., 1910, 68.

Part of type-lot. Clapp, No. 7427, five specimens from Horse-shoe Canyon, Chiricahua Mountains, Arizona. J. H. Ferriss coll.

Sonorella binneyi franciscana Pilsbry and Ferriss, Proc. Acad. Nat. Science Phila., 1918, 318.

Part of type-lot. C. M., No. 62.19558, two specimens from San Francisco River, Graham County, Arizona. J. H. Ferriss coll.

Sonorella cærulifluminis Pilsbry and Ferriss, Proc. Acad. Nat. Science Phila., 1918, 315.

Part of type-lot. C. M., No. 62.19559, four specimens from Blue River, Graham County, Arizona. J. H. Ferriss coll.

Sonorella danieli Pilsbry and Ferriss, Proc. Acad. Nat. Science Phila., 1909, 501.

Part of type-lot. Clapp, No. 12062, two specimens from Head of Bear Canyon, Huachuca Mountains, Arizona. Daniels and Walker coll.

Sonorella granulatissima Pilsbry, Nautilus, XVI, 1902, 32.

Part of type-lot. Clapp, No. 4705, four specimens from Huachuca Mountains, Arizona. J. H. Ferriss coll.

Sonorella hatchitana flora Pilsbry and Ferriss, Proc. Acad. Nat. Science Phila., 1915, 347.

Part of type-lot. Clapp, No. 12251, three specimens from Florida Mountains, New Mexico.

Sonorella hinkleyi Pilsbry and Ferriss, Nautilus, XXXIII, 1919, 19.

Part of type-lot. C. M., No. 62.19563, five specimens from Cayetano Mountains, Pima County, Arizona. J. H. Ferriss coll.

Sonorella hinkleyi tumacacori Pilsbry and Ferriss, Nautilus, XXXIII, 1919, 19.

Part of type-lot. C. M., No. 62.19564, four specimens from Tumacacori Mountains, Pima County, Arizona. J. H. Ferriss coll.

Sonorella insignis Pilsbry and Ferriss, Nautilus, XXXIII, 1919, 21.
Part of type-lot. C. M., No. 62.19565, two specimens from
Whetstone Mountains, Pima County, Arizona. J. H. Ferriss
coll.

Sonorella marmoraria Pilsbry and Ferriss, Proc. Acad. Nat. Science
Phila., 1918, 294.

Part of type-lot. C. M., No. 62.19566, three specimens from
Marble Peak, Santa Catalina Mountains, Pima County,
Arizona. J. H. Ferriss coll.

Sonorella micra Pilsbry and Ferriss, Proc. Acad. Nat. Science Phila.,
1910, 74.

Part of type-lot. Clapp, No. 7422, five specimens from White
Tail Canyon, Chiricahua Mountains, Arizona. J. H.
Ferriss coll.

Sonorella mustang Pilsbry and Ferriss, Nautilus, XXXIII, 1919, 20.

Part of type-lot. C. M., No. 62.19568, four specimens from
Mustang Mountains, Cochise County, Arizona. J. H.
Ferriss coll.

Sonorella odorata marmoris Pilsbry and Ferriss, Proc. Acad. Nat.
Science Phila., 1918, 288.

Part of type-lot. C. M., No. 62.19570, two specimens from
Marble Peak, Santa Catalina Mountains, Pima County,
Arizona. J. H. Ferriss coll.

Sonorella rooseveltiana Berry, Nautilus, XXXI, 1917, 14.

Part of type-lot. Clapp, No. 8534, two specimens from rock
slides, 2200 feet, Roosevelt, Gila County, Arizona. S. S.
Barry coll.

Sonorella sitiens montezuma Pilsbry and Ferriss, Nautilus, XXXIII,
1919, 20.

Part of type-lot. C. M., No. 62.19575, four specimens from
Montezuma Canyon, Huachuca Mountains, Cochise County,
Arizona. J. H. Ferriss coll.

Sonorella tortillita Pilsbry and Ferriss, Proc. Acad. Nat. Science
Phila., 1918, 299.

Part of type-lot. C. M., No. 62.19576, two specimens from
Tortillita Mountains, Pima County, Arizona. J. H. Ferriss
coll.

Sonorella tumamocensis Pilsbry and Ferriss, Proc. Acad. Nat. Science Phila., 1915, 401.

Part of type-lot. Clapp, No. 7793, three specimens from Tumamoc or Laboratory Hill, Tucson, Arizona. Station 35. J. H. Ferriss coll.

Sonorella wolcottiana Bartsch = **Micrarionta wolcottiana** Bartsch, Smithsonian Misc. Coll., 47, 187.

Part of type-lot. Clapp, No. 4966, one specimen from Palm Springs, San Diego County, California. U. S. Natl. Mus. coll.

Trishoplita awajiensis Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 403.

Part of type-lot. C. M., No. 62.15770, six specimens from Anaga, Awaji, Japan. Y. Hirase coll.

Trishoplita collinsoni okinoshimæ Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 547.

Part of type-lot. C. M., No. 62.15773, four specimens from Okinoshima, Tosa, Japan. Y. Hirase coll.

Trishoplita cretacea bipartita Pilsbry, Nautilus, XIV, 1901, 107.

Part of type-lot. C. M., No. 62.15768, six specimens from Toyonishikama, Nagato, Japan. Y. Hirase coll.

Trishoplita goodwini kyotensis Pilsbry, Nautilus, XIV, 1900, 90.

Part of type-lot. C. M., No. 62.15765, six specimens from Kyoto, Yamashiro, Japan. Y. Hirase coll.

Trishoplita goodwini strigata Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 403.

Part of type-lot. C. M., No. 62.15771, six specimens from Hirado, Hizen, Japan. Y. Hirase coll.

Trishoplita hilgendorfi chikubushimæ Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 564.

Part of type-lot. C. M., No. 62.15774, six specimens from Chikubushima, Omi, Japan. Y. Hirase coll.

Trishoplita lischkeana hizenensis Pilsbry and Hirase, Nautilus, XVI, 1903, 135.

Part of type-lot. C. M., No. 62.15775, six specimens from Ukujima, Hizen, Japan. Y. Hirase coll.

Trishoplita smithiana Pilsbry, Nautilus, XIV, 1901, 116.

Part of type-lot. C. M., No. 62.15769, six specimens from Arakura, Tosa, Japan. Y. Hirase coll.

(Note: This is also a cotype of synonym, *Trishoplita goodwini suprazonata* Pilsbry, Nautilus, XIV, 1900, 80, and Nautilus, XV, 1901, 19.)

Vallonia albula Sterki, Proc. Acad. Nat. Science Phila., XLV, 1893, 263.

Part of type-lot. C. M., No. 62.19236, one specimen from St. Joseph, (Probably St. Joseph de Beauce?), Quebec, Canada. A. W. Hanham coll.

Vallonia costata amurensis Sterki, Manual of Conchology, (2), VIII, 1892, 254.

Type-lot. C. M., No. 62.19234, nine specimens from Kassakewitsch (probably Kosakewitscha), Amur Province, Siberia. From Haas in 1892.

Vallonia costata helvetica Sterki, Manual of Conchology, (2), VIII, 1892, 254.

Type-lot. C. M., No. 62.19227, ten specimens from Geissberg, Brugg, Jura Mountains, Aargau, Switzerland. Dr. R. Häussler.

Vallonia costata pyrenaica Sterki, Manual of Conchology, (2), VIII, 1892, 254.

Part of type-lot. C. M., No. 62.19235, two specimens from the Pyrenees. A. D. Brown coll. Sterki collection from the Acad. Nat. Science Phila., collection.

Vallonia cyclophorella Ancey, Manual of Conchology, (2), VIII, 1892, 259.

Type-lot. C. M., No. 62.19285, two specimens from West Cliff, Custer County, Colorado. T. D. A. Cockerell coll. (Designated as "Types" by Dr. V. Sterki, *l.c.* 1893, 272.)

Vallonia declivis Sterki, Manual of Conchology, (2), VIII, 1892, 251.

Type-lot. C. M., No. 62.19177, three specimens from Danubedrift, Bavaria, Germany. S. Clessin coll.

Vallonia declivis altilis Sterki, Manual of Conchology, (2), VIII, 1892, 252.

Type. C. M., No. 62.19180, from Drift on Aare River, Aargau, Switzerland. Dr. V. Sterki coll.

- Vallonia excentrica** Sterki, Manual of Conchology, (2), VIII, 1892, 249.
Type-lot. C. M., No. 62.19132, five specimens from Pyrenees. A. D. Brown coll. (Part of this lot is in collection of the Acad. Nat. Science Phila.)
- Vallonia jurassica** Geyer, Unsere Land und Süßwasser Molluskan, XIX, 1909, 33.
Part of type-lot. C. M., No. 62.16728, one specimen from Urach, Württemberg, Germany. Dr. W. Blume coll.
- Vallonia parvula** Sterki, Manual of Conchology, (2), VIII, 1892, 254.
Type-lot. C. M., No. 62.19238, seven specimens from Joliet, Will County, Illinois. J. H. Ferriss coll.
- Vallonia perspectiva** Sterki, Manual of Conchology, (2), VIII, 1892, 257.
Type-lot. C. M., No. 62.19266, thirteen specimens from "The Cliffs," Knoxville, Knox County, Tennessee. Mrs. G. Andrews coll. (Note by A. E. Ortmann: "Not marked, but are ones first seen by Sterki in 1892. See Proc. Acad. Nat. Sci. Phila., 1893, p. 271.")
- Vallonia pulchella hispanica** Sterki, Proc. Acad. Nat. Science Phila., XLV, 1893, 251.
Part of type-lot. C. M., No. 62.19125, three specimens from Spain. From U. S. Natl. Mus., No. 100733.
- Vallonia suevica** Geyer, Unsere Land und Süßwasser Molluskan, XIX, 1909, 34.
Part of type-lot. C. M., No. 62.16727, one specimen from Neckartailfingen, Württemberg, Germany. Dr. W. Blume coll.
- Family BULIMULIDÆ.
- Auris aurissciuri lutea** G. H. Clapp, Nautilus, XL, 1927, 131.
Part of type-lot. Clapp, No. 89700, from Belmont, Port-of-Spain, Trinidad.
- Bulimulus corumbaënsis** Pilsbry, Proc. Acad. Nat. Science Phila., 1897, 19.
Part of type-lot. Clapp, No. 1760, two specimens from Corumba, Brazil.
Part of type-lot. C. M., No. 62.14807, ten specimens. H. H. Smith coll.

Bulimus dealbatus ragsdalei Pilsbry, Nautilus, III, 1890, 122.

Part of type-lot. Clapp, No. 2390, one specimen from Montague County, Texas. H. A. Pilsbry coll.

Drymæus roseatus montanus Pilsbry, Manual of Conchology, (2), XIV, 1901, 161.

Type. Clapp, No. 4540, from Las Partidas, State of Santa Marta, U. S. Colombia. H. H. Smith coll.

Drymæus sanctæmarthæ Pilsbry, Manual of Conchology, (2), XIV, 1901, 161.

Type. Clapp, No. 4539, one specimen from Jiracasaca, State of Santa Marta, U. S. Colombia. H. H. Smith coll.

Drymæus stramineus fasciatus E. A. Smith, Proc. Malacol. Soc. London, I, 1895, 305.

Part of type-lot. C. M., No. 62.1060, three specimens from St. Vincent, West Indies. H. H. Smith coll.

Drymæus strigatus Sowerby *See Partula glaber* Hartman.

Placostylus bicolor Hartman, Proc. Acad. Nat. Science Phila., 1889, 91.

Type. C. M., No. 62.4683, from Santo Island, near Aura Island, New Hebrides. E. L. Layard coll.

Placostylus brazieri Hartman, Proc. Acad. Nat. Science Phila., 1889, 93.

Type. C. M., No. 62.4677, from Aura Island, New Hebrides.

Placostylus delatouri Hartman, Proc. Acad. Nat. Science Phila., 1886, 35.

Part of type-lot. C. M., No. 62.4680, two specimens (one might be the Type) from Aura Island, New Hebrides. De la Tour coll.

Placostylus layardi Hartman, Proc. Acad. Nat. Science Phila., 1886, 35.

Type. C. M., No. 62.4676, eleven specimens from Vate Island, New Hebrides. W. D. Hartman coll.

Family BULIMINIDÆ.

Ena callistoderma Pilsbry, Nautilus, XIV, 1900, 33.

Part of type-lot. C. M., No. 62.15836, six specimens from Hahajima, Ogasawara, Japan. Y. Hirase coll.

- Ena callistoderma chichijimana** Pilsbry, Nautilus, XV, 1902, 119.
Part of type-lot. C. M., No. 62.15837, ten specimens from
Chichijima, Ogasawara, Japan. Y. Hirase coll.
- Ena callistoderma ogasawaræ** Pilsbry, Nautilus, XIV, 1901, 128.
Part of type-lot. C. M., No. 62.15838, four specimens from
Hahajima, Ogasawara, Japan. Y. Hirase coll.
- Ena hiraseana** Pilsbry, Nautilus, XVI, 1902, 56.
Part of type-lot. C. M., No. 62.15839, three specimens from
Hahajima, Ogasawara, Japan. Y. Hirase coll.
- Ena hirasei** Pilsbry, Nautilus, XIV, 1900, 32.
Part of type-lot. C. M., No. 62.15840, six specimens from
Kikai, Osumi, Japan. Y. Hirase coll.
- Ena reiniana hokkaidonis** Pilsbry, Proc. Acad. Nat. Science Phila.,
LIII, 1901, 402.
Part of type-lot. C. M., No. 62.15846, three specimens from
Shikunobe, Ojima, Japan. Y. Hirase coll.
- Funiculus ortmanni** Blume, Arkiv. f. Molluskenkunde 57, I, 1925, 17.
Part of type-lot. C. M., No. 62.18863, one specimen from
Tentschuan, Szetchuan, China. Stötzner Expedition from
Dr. W. Blume.
- Liguus fasciatus lignumvitæ** Pilsbry, Jour. Acad. Nat. Science Phila.,
XV, 1912, 461.
Paratype. Clapp, No. 6614, three specimens from Lignumvita
Key, Florida. H. A. Pilsbry coll.

Family PUPILLIDÆ.

- Clausilia ænea** Pilsbry, Proc. Acad. Nat. Science Phila., LV, 1903,
317.
Part of type-lot. C. M., No. 62.15870, six specimens from
Shimohanyama, Tosa, Japan. Y. Hirase coll.
- Clausilia agna** Pilsbry, Proc. Acad. Nat. Science Phila., LIV, 1902,
371.
Part of type-lot. C. M., No. 62.15963, six specimens from
Yakushima, Osumi, Japan. Y. Hirase coll.
- Clausilia aratorum** Pilsbry, Proc. Acad. Nat. Science Phila., LV,
1903, 316.
Part of type-lot. C. M., No. 62.15869, six specimens from
Shimohanyama, Tosa, Japan. Y. Hirase coll.

Clausilia aulacophora Pilsbry, Proc. Acad. Nat. Science Phila., LII, 1900, 445.

Part of type-lot. C. M., No. 62.15894, six specimens from Fukura, Awaji, Japan. Y. Hirase coll.

Clausilia aurantiaca hypoptychia Pilsbry = **Clausilia aurantiaca plicilabris** A. Adams, Proc. Acad. Nat. Science Phila., LIII, 1901, 652.

Part of type-lot. C. M., No. 62.15916, six specimens from Kashima, Kii, Japan. Y. Hirase coll.

Clausilia awajiensis Pilsbry, Proc. Acad. Nat. Science Phila., LII, 1900, 444.

Part of type-lot. C. M., No. 62.15878, six specimens from Fukura, Awaji, Japan. Y. Hirase coll.

Clausilia bigeneris Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 656.

Part of type-lot. C. M., No. 62.15891, three specimens from Goto, Hizen, Japan. Y. Hirase coll.

Clausilia bilabrata tosænsis Pilsbry, Proc. Acad. Nat. Science Phila., LV, 1903, 318.

Part of type-lot. C. M., No. 62.15919, six specimens from Shiujomura, Tosa, Japan. Y. Hirase coll.

Clausilia callistochila Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 413.

Part of type-lot. C. M., No. 62.15928, four specimens from Kunchan, Loo Choo Islands, Japan. Y. Hirase coll.

Clausilia caloptyx Pilsbry, Proc. Acad. Nat. Science Phila., LIV, 1902, 372.

Part of type-lot. C. M., No. 62.15962, six specimens from Yakushima, Osumi, Japan. Y. Hirase coll.

Clausilia caryostoma jayi Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 649.

Part of type-lot. C. M., No. 62.15867, six specimens from Jomura, Kii, Japan. Y. Hirase coll.

Clausilia cladoptyx Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 837.

Part of type-lot. C. M., No. 62.15977, five specimens from Tokemoshima, Osumi, Japan. Y. Hirase coll.

- Clausilia comes** Pilsbry, Proc. Acad. Nat. Science Phila., LII, 1900, 673.
Part of type-lot. C. M., No. 62.15981, six specimens from Kashima, Harima, Japan. Y. Hirase coll.
- Clausilia crenilabium** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 420.
Part of type-lot. C. M., No. 62.15925, five specimens from Kunchan, Loo Choo Islands, Japan. Y. Hirase coll.
- Clausilia dalli** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 656.
Part of type-lot. C. M., No. 62.15922, six specimens from Tairiuji, Awa, Shikoku Island, Japan. Y. Hirase coll.
- Clausilia ducalis rex** Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 809.
Part of type-lot. C. M., No. 62.15859, four specimens from Amagisan, Izu, Japan. Y. Hirase coll.
- Clausilia entospira** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 501.
Part of type-lot. C. M., No. 62.15976, nine specimens from Tanegashima, Osumi, Japan. Y. Hirase coll.
- Clausilia euholostoma** Pilsbry, Nautilus, XIV, 1901, 108.
Part of type-lot. C. M., No. 62.15985, six specimens from Mikuriya, Suruga, Japan. Y. Hirase coll.
- Clausilia hachijoensis** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 466.
Part of type-lot. C. M., No. 62.15972, six specimens from Hachijo, Izu, Japan. Y. Hirase coll.
- Clausilia harimensis** Pilsbry, Nautilus, XIV, 1901, 108.
Part of type-lot. C. M., No. 62.15879, six specimens from Kashima, Harima, Japan. Y. Hirase coll.
- Clausilia hickonis saucia** Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 822.
Part of type-lot. C. M., No. 62.15947, six specimens from Sodayama, Tosa, Japan. Y. Hirase coll.

Clausilia higoensis Pilsbry = **Clausilia kochiensis** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 499.

Part of type-lot. C. M., No. 62.15882, six specimens from Minamata, Higo, Japan. Y. Hirase coll.

Clausilia hiraseana Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 648.

Part of type-lot. C. M., No. 62.15862, twelve specimens from Okinoshima, Tosa, Japan. Y. Hirase coll.

Clausilia hirasei Pilsbry, Proc. Acad. Nat. Science Phila., LII, 1900, 446.

Part of type-lot. C. M., No. 62.15966, six specimens from Kagoshima, Satsuma, Japan. Y. Hirase coll.

Clausilia holotrema Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 654.

Part of type-lot. C. M., No. 62.15986, four specimens from Nachi, Kii, Japan. Y. Hirase coll.

Clausilia hosayaka Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 814.

Part of type-lot. C. M., No. 62.15875, six specimens from Kamomura, Shima, Japan. Y. Hirase coll.

Clausilia hyperptyx Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 827.

Part of type-lot. C. M., No. 62.15964, four specimens from Tokunoshima, Osumi, Japan. Y. Hirase coll.

Clausilia hyperptyx Pilsbry, Proc. Acad. Nat. Science Phila., LII, 1900, 446.

Part of type-lot. C. M., No. 62.15969, six specimens from Loo Choo Islands, Japan. Y. Hirase coll.

Clausilia hyperptyx yaeyamensis Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 831.

Part of type-lot. C. M., No. 62.15971, six specimens from Yaeyama, Loo Choo Islands, Japan. Y. Hirase coll.

Clausilia hyperptyx yoronjimana Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 830.

Part of type-lot. C. M., No. 62.15970, four specimens from Yoronjima, Osumi, Japan. Y. Hirase coll.

Clausilia iotaptyx Pilsbry, Proc. Acad. Nat. Science Phila., LII, 1900, 674.

Part of type-lot. C. M., No. 62.15913, six specimens from Ibuki, Omi, Japan. Y. Hirase coll.

Clausilia iotaptyx clava Pilsbry, Nautilus, XIV, 1901, 108.

Part of type-lot. C. M., No. 62.15914, six specimens from Senzan, Awaji, Japan. Y. Hirase coll.

Clausilia jacobiana Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 641.

Part of type-lot. C. M., No. 62.15953, six specimens from Tanegashima, Osumi, Japan. Y. Hirase coll.

Clausilia japonica interplicata Pilsbry, Nautilus, XIV, 1901, 108.

Part of type-lot. C. M., No. 62.15940, six specimens from Nishigo, Uzen, Japan. Y. Hirase coll.

Clausilia japonica okinoshimana Pilsbry, Nautilus, XVI, 1902, 6.

Part of type-lot. C. M., No. 62.15941, three specimens from Okinoshima, Tosa, Japan. Y. Hirase coll.

Clausilia japonica perobscura Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 482 and 653.

Part of type-lot. C. M., No. 62.15939, nine specimens from Shirono, Buzen, Japan. Y. Hirase coll.

Clausilia japonica perstriata Pilsbry, Proc. Acad. Nat. Science Phila., LV, 1903, 319.

Part of type-lot. C. M., No. 62.15942, six specimens from Kumanogongen, Echigo, Japan. Y. Hirase coll.

Clausilia japonica surngae Pilsbry = **Clausilia oostoma** Möllendorff, Proc. Acad. Nat. Science Phila., LII, 1900, 44.

Part of type-lot. C. M., No. 62.15943, six specimens from Mikuriya, Surnga, Japan. Y. Hirase coll.

Clausilia kikaiensis Pilsbry, Proc. Acad. Nat. Science Phila., LII, 1900, 446.

Part of type-lot. C. M., No. 62.15967, six specimens from Kikai, Osumi, Japan. Y. Hirase coll.

Clausilia kochiensis Pilsbry See **Clausilia higoensis** Pilsbry.

- Clausilia koshikijimana** Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 814.
Part of type-lot. C. M., No. 62.15876, six specimens from Shimokoshikijima, Satsuma, Japan. Y. Hirase coll.
- Clausilia kurozuensis** Pilsbry, Proc. Acad. Nat. Science Phila., LIV, 1902, 518.
Part of type-lot. C. M., No. 62.15874, three specimens from Kurozu, Kii, Japan. Y. Hirase coll.
- Clausilia martensi tinctilabris** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 648.
Part of type-lot. C. M., No. 62.15854, six specimens from Nachi, Kii, Japan. Y. Hirase coll.
- Clausilia micropeas perpallida** Pilsbry, Nautilus, XIV, 1901, 108.
Part of type-lot. C. M., No. 62.15872, six specimens from Nishigo, Uzen, Japan. Y. Hirase coll.
- Clausilia mikado** Pilsbry, Proc. Acad. Nat. Science Phila., LII, 1900, 676.
Part of type-lot. C. M., No. 62.15912, six specimens from Ibuki, Omi, Japan. Y. Hirase coll.
- Clausilia mitsukurii** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 648.
Part of type-lot. C. M., No. 62.15856, six specimens from Tomisato, Kii, Japan. Y. Hirase coll.
- Clausilia monelasmus** Pilsbry, Proc. Acad. Nat. Science Phila., LII, 1900, 674.
Part of type-lot. C. M., No. 62.15984, six specimens from Kayabe, Ojima, Japan. Y. Hirase coll.
- Clausilia munus** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 423.
Part of type-lot. C. M., No. 62.15965, six specimens from Oshima, Osumi, Japan. Y. Hirase coll.
- Clausilia nagashimana** Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 810.
Part of type-lot. C. M., No. 62.15863, three specimens from Nagashima, Satsuma, Japan. Y. Hirase coll.

Clausilia nakadai Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 818.

Part of type-lot. C. M., No. 62.15930, six specimens from Tokunoshima, Osumi, Japan. Y. Hirase coll.

Clausilia nakadai degenerata Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 818.

Part of type-lot. C. M., No. 62.15931, six specimens from Tokunoshima, Osumi, Japan. Y. Hirase coll.

Clausilia neniopsis Pilsbry, Proc. Acad. Nat. Science Phila., LIV, 1902, 530.

Part of type-lot. C. M., No. 62.15988, six specimens from Oshima, Osumi, Japan. Y. Hirase coll.

Clausilia nesiothauma Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 414.

Part of type-lot. C. M., No. 62.15929, six specimens from Oshima, Osumi, Japan. Y. Hirase coll.

Clausilia nolani Pilsbry, Proc. Acad. Nat. Science Phila., LII, 1900, 679.

Part of type-lot. C. M., No. 62.15865, six specimens from Fukura, Awaji, Japan. Y. Hirase coll.

Clausilia okinoerabuensis Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 816.

Part of type-lot. C. M., No. 62.15927, six specimens from Okinoerabushima, Osumi, Japan. Y. Hirase coll.

Clausilia oostoma Möllendorff *See Clausilia japonica surngæ* Pilsbry.

Clausilia oostoma dactylopoma Pilsbry, Proc. Acad. Nat. Science Phila., LIV, 1902, 521.

Part of type-lot. C. M., No. 62.15945, six specimens from Kashio, Awaji, Japan. Y. Hirase coll.

Clausilia oostoma goniopoma Pilsbry, Proc. Acad. Nat. Science Phila., LIV, 1902, 522.

Part of type-lot. C. M., No. 62.15944, six specimens from Wakayama, Kii, Japan. Y. Hirase coll.

Clausilia ophidoon Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 820.

Part of type-lot. C. M., No. 62.15933, six specimens from Shimo-Kochikijima, Satsuma, Japan. Y. Hirase coll.

Clausilia oscariana Pilsbry = **Clausilia pilsbryana** Ancey, Proc. Acad. Nat. Science Phila., LIII, 1901, 499.

Part of type-lot. C. M., No. 62.15920, four specimens from Fukuregi, Higo, Japan. Y. Hirase coll.

Clausilia oxycyma Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 634.

Part of type-lot. C. M., No. 62.15923, four specimens from Kagoshima, Satsuma, Japan. Y. Hirase coll.

Clausilia pattalus Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 832.

Part of type-lot. C. M., No. 62.15973, five specimens from Taramajima, Loo Choo Islands, Japan. Y. Hirase coll.

Clausilia pattalus miyakoensis Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 832.

Part of type-lot. C. M., No. 62.15974, six specimens from Miyakojima, Loo Choo Islands, Japan. Y. Hirase coll.

Clausilia perignobilis Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 481.

Part of type-lot. C. M., No. 62.15880, six specimens from Okinoshima, Tosa, Japan. Y. Hirase coll.

Clausilia pigra Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 650.

Part of type-lot. C. M., No. 62.15896, six specimens from Kashima, Harima, Japan. Y. Hirase coll.

Clausilia pilsbryana Ancey *See* **Clausilia oscariana** Pilsbry.

Clausilia pilsbryi Sykes, Proc. Malacolog. Soc. London, IV, 1900, 222.

Part of type-lot. Clapp, No. 4248, one specimen from Calenga, Peru. E. R. Sykes coll.

Clausilia pinto Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 501.

Part of type-lot. C. M., No. 62.15959, ten specimens from Tanegashima, Osumi, Japan. Y. Hirase coll.

Clausilia platydera minoensis Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 813.

Part of type-lot. C. M., No. 62.15910, four specimens from Mina Kamimura, Mino, Japan. Y. Hirase coll.

- Clausilia platyderula** Pilsbry, Proc. Acad. Nat. Science Phila., LV, 1903, 318.
Part of type-lot. C. M., No. 62.15911, six specimens from Aki, Tosa, Japan. Y. Hirase coll.
- Clausilia ptychocyma** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 501.
Part of type-lot. C. M., No. 62.15960, four specimens from Tanegashima, Osumi, Japan. Y. Hirase coll.
- Clausilia ptychocyma yakushimæ** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 501.
Part of type-lot. C. M., No. 62.15961, six specimens from Yakushima, Osumi, Japan. Y. Hirase coll.
- Clausilia sadoensis** Pilsbry, Proc. Acad. Nat. Science Phila., LV, 1903, 315.
Part of type-lot. C. M., No. 62.15892, six specimens from Misakimura, Sado, Japan. Y. Hirase coll.
- Clausilia sarissa** Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 829.
Part of type-lot. C. M., No. 62.15968, six specimens from Okinoerabushima, Osumi, Japan. Y. Hirase coll.
- Clausilia shikokuensis** Pilsbry, Proc. Acad. Nat. Science Phila., LII, 1900, 681.
Part of type-lot. C. M., No. 62.15885, six specimens from Ushirogawa, Tosa, Japan. Y. Hirase coll.
- Clausilia stereoma** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 502.
Part of type-lot. C. M., No. 62.15956, six specimens from Yakushima, Osumi, Japan. Y. Hirase coll.
- Clausilia stereoma cognata** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 502.
Part of type-lot. C. M., No. 62.15957, six specimens from Tanegashima, Osumi, Japan. Y. Hirase coll.
- Clausilia stereoma hexapteryx** Pilsbry, Proc. Acad. Nat. Science Phila., LIV, 1902, 520.
Part of type-lot. C. M., No. 62.15958, six specimens from Yakushima, Osumi, Japan. Y. Hirase coll.

Clausilia subhickonis Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 821.

Part of type-lot. C. M., No. 62.15948, six specimens from Isobe, Shima, Japan. Y. Hirase coll.

Clausilia subignobilis Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 655.

Part of type-lot. C. M., No. 62.15888, six specimens from Hirado, Hizen, Japan. Y. Hirase coll.

Clausilia surugensis Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 633.

Part of type-lot. C. M., No. 62.15921, six specimens from Mikuriya, Suruga, Japan. Y. Hirase coll.

Clausilia sus Pilsbry, Proc. Acad. Nat. Science Phila., LV, 1903, 316.

Part of type-lot. C. M., No. 62.15893, six specimens from Muya, Awa, Shikoku, Japan. Y. Hirase coll.

Clausilia tantilla Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 655.

Part of type-lot. C. M., No. 62.15889, four specimens from Goto, Hizen, Japan. Y. Hirase coll.

Clausilia thaumatopoma Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 834.

Part of type-lot. C. M., No. 62.15975, six specimens from Kumejima, Loo Choo Islands, Japan. Y. Hirase coll.

Clausilia tokunoshimana Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 819.

Part of type-lot. C. M., No. 62.15932, six specimens from Tokunoshima, Osumi, Japan. Y. Hirase coll.

Clausilia tosana Pilsbry, Proc. Acad. Nat. Science Phila., LII, 1900, 680.

Part of type-lot. C. M., No. 62.15868, six specimens from Ushirogawa, Tosa, Japan. Y. Hirase coll.

Clausilia tryoni Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 467.

Part of type-lot. C. M., No. 62.15982, four specimens from Hachijo, Izu, Japan. Y. Hirase coll.

- Clausilia tryoni miyakejimana** Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 837.
Part of type-lot. C. M., No. 62.15983, six specimens from Miyakejima, Izu, Japan. Y. Hirase coll.
- Clausilia una** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 656.
Part of type-lot. C. M., No. 62.15949, four specimens from Goto, Hizen, Japan. Y. Hirase coll.
- Clausilia valida perfasciata** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 411.
Part of type-lot. C. M., No. 62.15934, six specimens from Kunchan, Loo Choo Islands, Japan. Y. Hirase coll.
- Clausilia valida striatella** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 411.
Part of type-lot. C. M., No. 62.15935, six specimens from Miyakoshima, Loo Choo Islands, Japan. Y. Hirase coll.
- Clausilia variegata nesiotica** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 474.
Part of type-lot. C. M., No. 62.15990, six specimens from Hachijo, Izu, Japan. Y. Hirase coll.
- Clausilia ventriluna** Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 811.
Part of type-lot. C. M., No. 62.15897, six specimens from Yasudamura, Tosa, Japan. Y. Hirase coll.
- Gastrocopta bilamellata** Sterki and Clapp, Nautilus, XXII, 1909, 126.
Type-lot. Clapp, No. 5942, one hundred plus specimens from Plumosa Range, Quartzsite, Arizona. G. S. Hutson coll.
- Gastrocopta carnegiei** Sterki = **Bifidaria carnegiei** Sterki, Nautilus, XXX, 1916, 84.
Part of type-lot. C. M., No. 62.20388, two specimens from woods north of Geneva, Ashtabula County, Ohio. Dr. V. Sterki coll.
- Gastrocopta chichijimana** Pilsbry, Manual of Conchology, (2), XXIV, 1918, 105.
Part of type-lot. C. M., No. 62.16230, three specimens from Chichijima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.

Gastrocopta clappi Sterki = **Bifidaria clappi** Sterki, Nautilus, XXII, 1909, 108.

Part of type-lot. Clapp, No. 5772, two specimens from "The Thickets," Knoxville, Tennessee. Mrs. Andrews coll.

Gastrocopta holzingeri Sterki = **Pupa holzingeri** Sterki, Nautilus, III, 1889, 37.

Type. C. M., No. 62.20385, from Will County, Illinois. William A. Marsh coll.

Gastrocopta pellucida parvidens Sterki = **Bifidaria hordeacella parvidens** Sterki, Nautilus, XII, 1899, 128.

Part of type-lot. C. M., No. 62.20391, ten specimens from Jerome, Arizona. E. H. Ashmun coll.

Gastrocopta pilsbryana Sterki = **Pupa pilsbryana** Sterki, Nautilus, III, 1890, 123.

Type. C. M., No. 62.20382, from Colorado River, Arizona. W. G. Mazyck coll.

Gastrocopta procera sterkiana Pilsbry = **Gastrocopta procera duplicata** Sterki, Manual of Conchology, XXIV, 1916-1918, 65.

Part of type-lot. Clapp, No. 6048, one hundred plus specimens from Paluxy Creek, Glenrose, Somerville County, Texas. B. Walker coll.

Gastrocopta prototypus Pilsbry, Proc. Acad. Nat. Science Phila., 1899, 400.

Part of type-lot. Clapp, No. 2912, three specimens from Cuitzeo, near Huingo, Michoacan, Mexico. S. N. Rhoades coll.

Gastrocopta tuba Pilsbry and Ferriss = **Bifidaria tuba** Pilsbry and Ferriss, Proc. Acad. Nat. Science Phila., 1906, 145.

Part of type-lot. Clapp, No. 5130, one specimen from the drift débris of the San Pedro River, Benson, Cochise County, Arizona. J. H. Ferriss coll.

Gastrocopta tuba intuscostata G. H. Clapp = **Chaenaxis tuba intuscostata** Clapp, Nautilus, XXII, 1908, 76.

Type-lot. Clapp, No. 5769, three hundred specimens from Plumosa Range, eight miles east of Quartzsite, Yuma County, Arizona. G. S. Hutson coll.

Lauria superstructa Mousson = **Pupa superstructa** Mousson, Journ. de Conchyl., XXIV, 1876, 37.

Type-lot. Clapp, No. 14950, two specimens from Lailasch, prov. Kutais, Transcaucasia, Russia. From Mousson.

Nenia smithiæ Pilsbry, Nautilus, XV, 1901, 39.

Part of type-lot. Clapp, No. 5459, ten specimens from El Libana, 6000'-7000', south of Santa Marta, Colombia. H. H. Smith coll.

Nesopupa dedecora Pilsbry, Proc. Acad. Nat. Science Phila., LII, 1900, 432.

Part of type-lot. C. M., No. 62.15993, six specimens from Hahajima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.

Nesopupa tamagonari Pilsbry and Hirase, Nautilus, XVII, 1904, 118.

Part of type-lot. C. M., No. 62.15994, six specimens from Chichijima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.

Pupa superstructa Mousson. See above.

Lauria superstructa Mousson.

Pupilla insulivaga Pilsbry and Hirase, Proc. Acad. Nat. Science Phila. LVI, 1904, 631.

Part of type-lot. C. M., No. 62.15847, six specimens from Yoronjima, Osumi, Japan. Y. Hirase coll.

Pupilla sonora Sterki, Nautilus, XII, 1899, 128.

Part of type-lot. C. M., No. 62.20395, two specimens from White Oaks, New Mexico. E. H. Ashmun coll.

Sterkia clementina Sterki = **Pupa clementina** Sterki, Nautilus, IV, 1890, 44.

Type. C. M., No. 62.20392, from San Clemente Island, California. H. Hemphill coll.

Sterkia hemphilli Sterki = **Pupa hemphilli** Sterki, Nautilus, IV, 1890, 27.

Part of type-lot. C. M., No. 62.20384, two specimens from San Diego, California. H. Hemphill coll.

Strobilops floridanus Pilsbry, Nautilus, XXIII, 1909, 90.

Part of type-lot. Clapp, No. 2475, four specimens from Miami, Florida. S. N. Rhoades coll.

- Strobilops hubbardi stvensoni** Pilsbry, Nautilus, XIII, 1899, 46.
Part of type-lot. Clapp, No. 2476, one specimen from Miami, Florida. S. N. Rhoades coll.
- Vertigo alabamensis** G. H. Clapp, Nautilus, XXVIII, 1915, 137.
Type-lot. Clapp, No. 7370, nine specimens from near the Junction of North River and Black Warrior River, Tuscaloosa County, Alabama. (One designated as "figured type.")
- Vertigo alabamensis conecuhensis** G. H. Clapp, Nautilus, XXVIII, 1915, 137.
Type-lot. Clapp, No. 7371, two hundred plus specimens from Evergreen, Conecuh County, Alabama. H. H. Smith coll. (One designated as "figured type.")
- Vertigo dalliana** Sterki = **Pupa dalliana** Sterki, Nautilus, IV, 1890, 19.
Type-lot. C. M., No. 62.20383, two specimens from near Clear Lake, Lake County, California. H. Hemphill coll.
- Vertigo gouldii paradoxa** Sterki, Manual of Conchology, XXV, 1919, 99.
Part of type-lot. Clapp, No. 2866, seven specimens from Woodland, Aroostook County, Maine. O. O. Nylander coll.
- Vertigo morsei** Sterki, Nautilus, VIII, 1894, 89.
Type-lot. C. M., No. 62.20390, two specimens from Kent County, Michigan. Bryant Walker coll.
- Vertigo nylanderi** Sterki, Nautilus, XXII, 1909, 107.
Type-lot. C. M., No. 62.20386, three specimens from Woodland, Aroostook County, Maine. O. O. Nylander coll.
- Vertigo perryi** Sterki, Nautilus, XIX, 1905, 53.
Part of type-lot. C. M., No. 62.20393, one specimen from Warwick, Rhode Island. J. F. Perry coll.
- Vertigo rugosula oralis** Sterki = **Vertigo rugosula ovulum** Sterki, Proc. Acad. Nat. Science Phila., 1890, 35.
Type. C. M., No. 62.20394, three specimens from Volusia County, Florida. G. W. Webster coll.

Family CERIONIDÆ.

- Cerion fordii** Pilsbry and Vanatta, Manual of Conchology, (2), XIV, 1902, 270.
Part of type-lot. C. M., No. 62.2507, two specimens from the Bahamas.

Cerion fordi submarmortum Pilsbry and Vanatta, Manual of Conchology, (2), XIV, 1902, 270.

Part of type-lot. C. M., No. 62.2508, two specimens from the Bahamas.

Cerion incanum saccharimeta Blanes, *See* Pilsbry, Proc. Acad. Nat. Science Phila., 1898, 477.

Part of type-lot. Clapp, No. 1112, one specimen from Sugar Loaf Key, Florida. F. E. Blanes coll.

Family UROCOPTIDÆ.

Brachypodella insulæ-cygni W. F. Clapp, Nautilus, XXVII, 1914, 99.

Part of type-lot. Clapp, No. 15266, two specimens from Swan Island, Caribbean Sea. George Nelson coll.

Holospira arizonensis mustang Pilsbry and Ferriss, Proc. Acad. Nat. Science Phila., 1923, 98.

Part of type-lot. C. M., No. 62.19579, six specimens from Mustang Mountains, Cochise County, Arizona. J. H. Ferriss coll.

Holespira bilamellata heliophila Pilsbry, Proc. Acad. Nat. Science Phila., 1915, 338.

Part of type-lot. Clapp, No. 14272, six specimens from Teocalli Buttes, Hachita Grande Mountains, New Mexico. Daniels and Walker coll.

Holospira bilamellata media Pilsbry, Proc. Acad. Nat. Science Phila., 1915, 339.

Part of type-lot. Clapp, No. 12163, six specimens from southwest part of Sheridan Canyon, Hachita Grande Mountains, New Mexico. Daniels and Walker coll.

Holospira chiricahuana Pilsbry, Proc. Acad. Nat. Science Phila., 1905, 219.

Part of type-lot. Clapp, No. 5128, six specimens from Cave Creek, Chiricahua Mountains, Arizona. J. H. Ferriss coll.

Holospira cionella intermedia Pilsbry and Ferriss, Proc. Acad. Nat. Science Phila., 1910, 123.

Part of type-lot. Clapp, No. 12166, seven specimens from White Tail Canyon, Chiricahua Mountains, Arizona. Ferriss and Walker coll.

Holospira elizabethæ Pilsbry, Manual of Conchology, (2), XV, 1903, 99.

Part of type-lot. C. M., No. 62.2761, eleven specimens and No. 62.7193, one hundred specimens from Amula, Guerrero, Mexico. H. H. Smith coll.

Holospira ferrissi Pilsbry, Proc. Acad. Nat. Science Phila., 1905, 215.

Part of type-lot. Clapp, No. 7058, four specimens from Manilla Mines, Huachuca Mountains, Cochise County, Arizona. J. H. Ferriss coll.

Holospira mesolia Pilsbry, Nautilus, XXVI, 1912, 89.

Part of type-lot. Clapp, No. 6154, one specimen from Sander-son, Terrell County, Texas. H. A. Pilsbry coll.

Urocoptis acicularis Torre, Nautilus, XXVI, 1912, 68.

Part of type-lot. Clapp, No. 14689, four specimens from Chinchilla and the Mogotes de las Tumaguas, near Sagua la Grande, Santa Clara Province, Cuba. Dr. C. de la Torre coll.

Urocoptis bacillaris Torre, Nautilus, XXVI, 1912, 57.

Part of type-lot. Clapp, No. 14690, nine specimens from Sierra de Matahambre y Tatibonico and Veredas de Aguada y del Chorreron in Mountains, near Las Llanadas, District of Mayajigua, Santa Clara Province, Cuba. Dr. C. de la Torre coll.

Urocoptis bacillaris albicostulata Torre, Nautilus, XXVI, 1912, 66.

Part of type-lot. Clapp, No. 14691, two specimens from Cueva Bonita and Rosa Perdida, Province of Santa Clara, Cuba. Dr. C. de la Torre coll.

Urocoptis bacillaris exilis Torre, Nautilus, XXVI, 1912, 58.

Part of type-lot. Clapp, No. 14692, two specimens from Vereda le los Negros, between La Legua and Tatibonico, District of Mayajigua, Province of Santa Clara, Cuba. Dr. C. de la Torre coll.

Urocoptis bacillaris sordidula Torre, Nautilus, XXVI, 1912, 66.

Part of type-lot. Clapp, No. 14693, three specimens from the road east of El Bano de Mayajigua, Province of Santa Clara, Cuba. Dr. C. de la Torre coll.

Urocoptis boqueronis Torre, Nautilus, XXVI, 1912, 67.

Part of type-lot. Clapp, No. 14694, four specimens from El Boqueron, Rio Tatibonico del Norte, Province of Santa Clara, Cuba. Dr. C. de la Torre coll.

Urocoptis camagueyana Torre, Nautilus, XXVI, 1912, 68.

Part of type-lot. Clapp, No. 14695, two specimens from El Cercado, Cerro de Tuabaguey and Los Paredones, Sierra de Cubitas, Province of Camaguey, Cuba. Dr. C. de la Torre coll.

Urocoptis fortiuscula Torre, Nautilus, XXVI, 1912, 57.

Part of type-lot. Clapp, No. 14696, six specimens from Casimba de Buenavista, Malpaez District, near Sagua la Grande, Province of Santa Clara, Cuba. Dr. C. de la Torre coll.

Urocoptis livida Torre, Nautilus, XXVI, 1912, 56.

Part of type-lot. Clapp, No. 14697, eight specimens from El Palenque de Taguayabon and La Puntilla, near Remedios, Province of Santa Clara, Cuba. Dr. C. de la Torre coll.

Urocoptis livida occulta Torre, Nautilus, XXVI, 1912, 56.

Part of type-lot. Clapp, No. 14698, ten specimens from the road between Remedios and Taguayabon, Province of Santa Clara, Cuba. Dr. C. de la Torre coll.

Urocoptis pallidula Torre, Nautilus, XXVI, 1912, 57.

Part of type-lot. Clapp, No. 14699, seven specimens from Mogotes de las Jumaguas, near Sagua la Grande, Province of Santa Clara, Cuba. Dr. C. de la Torre coll.

Urocoptis parallela Torre, Nautilus, XXVI, 1912, 67.

Part of type-lot. Clapp, No. 14700, five specimens from El Boqueron, Rio Tatibonico del Norte, Province of Santa Clara, Cuba. Dr. C. de la Torre coll.

Urocoptis stricta Torre, Nautilus, XXVI, 1912, 66.

Part of type-lot. Clapp, No. 14701, two specimens from Lomas del Purio, near Calabazar de Sagua, Province of Santa Clara, Cuba. Dr. C. de la Torre coll.

Family ACHATINIDÆ.

Leptinaria livingstonensis Pilsbry, Nautilus, XXXIII, 1920, 80.

Part of type-lot. C. M., No. 62.8441, two specimens from Livingston, Guatemala. A. A. Hinkley coll.

Opeas mauritianum obesispira Pilsbry, Proc. Acad. Nat. Science Phila., LVI, 1904, 638.

Part of type-lot. C. M., No. 62.15790, six specimens from Loo Choo Islands, Japan. Y. Hirase coll.

Opeas mauritianum prestoni Sykes, Manual of Conchology (2), XVIII, 1906, 134.

Part of type-lot. C. M., No. 62.9729, three specimens from Uda Pussellawa, Ceylon. H. B. Preston coll.

Family PARTULIDÆ.

Partula albescens Hartman, Proc. Acad. Nat. Science Phila., 1888, 251. See H. H. Smith, Annals Carn. Mus., I, 1902, 467.

Type-lot. C. M., No. 62.4290, four specimens from Aura Island, New Hebrides. E. L. Layard coll.

Partula auraniana Hartman, Proc. Acad. Nat. Science Phila., 1888, 250. See H. H. Smith, *l.c.*, 468.

Type-lot. C. M., No. 62.4295, eleven specimens from Aura Island, New Hebrides. E. L. Layard coll.

Partula bellula Hartman, Proc. Acad. Nat. Science Phila., 1885, 203. See H. H. Smith, *l.c.*, 460.

Type. C. M., No. 62.4264, from Huapu Island, Marquesas Islands. Garrett coll.

Partula carnicolor Hartman, Proc. Acad. Nat. Science Phila., 1888, 250. See H. H. Smith, *l.c.*, 466.

Type-lot. C. M., No. 62.4289, four specimens from Aura Island, New Hebrides. E. L. Layard coll.

Partula coxi Hartman, Proc. Acad. Nat. Science Phila., 1886, 32. See H. H. Smith, *l.c.*, 455.

Type-lot. C. M., No. 62.4245, seven specimens from Ysabel Island, Solomon Islands. John Brazier coll.

Partula eximia Hartman, Proc. Acad. Nat. Science Phila., 1886, 35. See H. H. Smith, *l.c.*, 468.

Type. C. M., No. 62.4292, from Anietum Island, New Hebrides. E. L. Layard coll.

Partula flexuosa Hartman, Proc. Acad. Nat. Science Phila., 1885, 204. See H. H. Smith, *l.c.*, 453.

Type-lot. C. M., No. 62.4238, three specimens from Solomon Islands. Dr. Cox coll.

- Partula fraterna** Hartman, Proc. Acad. Nat. Science Phila., 1888, 250.
See H. H. Smith, *l.c.*, 468.
Type-lot. C. M., No. 62.4294, two specimens from Aura Island, New Hebrides. E. L. Layard coll.
- Partula glaber** Hartman = **Drymæus strigatus** Sowerby, Proc. Acad. Nat. Science Phila., 1885, 205. See H. H. Smith, *l.c.*, 467.
Type. C. M., No. 62.4291, Incorrectly labeled: New Hebrides.
Known from Peru. W. D. Hartman coll.
- Partula hastula** Hartman, Proc. Acad. Nat. Science Phila., 1886, 33.
See H. H. Smith, *l.c.*, 453.
Type-lot. C. M., No. 62.4239, five specimens from Simbo or Eddystone Island, Solomon Group. John Brazier coll.
- Partula hollandiana** Pilsbry, Manual of Conchology, (2), XX, 1910, 293. See H. H. Smith, *l.c.*, 452, **Partula lævigata**.
Type. C. M., No. 62.4237, from Solomon Islands. Geale coll.
- Partula incurva** Hartman, Proc. Acad. Nat. Science Phila., 1886, 31.
See H. H. Smith, *l.c.*, 454.
Type-lot. C. M., No. 62.4240, two specimens from Rubiana Island, Solomon Islands. John Brazier coll.
- Partula kubaryi** Hartman, Proc. Acad. Nat. Science Phila., 1890, 284.
See H. H. Smith, *l.c.*, 457.
Type. C. M., No. 62.4247, Karakaut, New Britain, Bismarck Archipelago. Kubary coll.
- Partula magdelinæ** Hartman, Proc. Acad. Nat. Science Phila., 1885, 203. See H. H. Smith, *l.c.*, 460.
Type-lot. C. M., No. 62.4263, four specimens from Santa Magdalena Island, Marquesas Islands. Garrett coll.
- Partula martensiana** Pilsbry, Manual of Conchology, (2), XX, 1910, 310. See H. H. Smith, *l.c.*, 469. **P. rufa**.
Type-lot. C. M., No. 62.4298, two specimens from Ualan Island, Caroline Islands. John Brazier coll.
- Partula minor** Hartman, Proc. Acad. Nat. Science Phila., 1886, 31.
See H. H. Smith, *l.c.*, 455.
Type-lot. C. M., No. 62.4243, two specimens from Erromango Island, New Hebrides. Dr. Turner coll.

- Partula mooreana** Hartman, Proc. Acad. Nat. Science Phila., 1880, 229. See H. H. Smith, *l.c.*, 448.
Type-lot. C. M., No. 62.4221, nine specimens from Society Islands, Moorea. W. D. Hartman coll.
- Partula nematoraphe** Pilsbry, Manual of Conchology, (2), XX, 1910, 279. See H. H. Smith, *l.c.*, 468. **P. alabastrina**.
Part of type-lot. C. M., No. 62.4293, two specimens from Fiji Islands (Incorrect; probably New Hebrides.) W. D. Hartman coll.
- Partula newcombiana** Hartman, Proc. Acad. Nat. Science Phila., 1886, 34. See H. H. Smith, *l.c.*, 474.
Type. C. M., No. 62.4336, (Photograph of Type. The vessel was lost in which the example was returned. The Type was lost.) from Salisbaboe Island, Talaut Islands.
- Partula pyramis** Hartman, Proc. Acad. Nat. Science Phila., 1886, 34. See H. H. Smith, *l.c.*, 471.
Type-lot. C. M., No. 62.4305, two specimens from Efate Island, New Hebrides. E. L. Layard coll.
- Partula regularis** Hartman, Proc. Acad. Nat. Science Phila., 1886, 31. See H. H. Smith, *l.c.*, 454.
Type-lot. C. M., No. 62.4241, two specimens from Savu or Galeria Island, Solomon Islands. John Brazier coll.
- Partula tæniata corneola** Hartman, Proc. Acad. Nat. Science Phila., 1886, 32. See H. H. Smith, *l.c.*, 454. **P. corneola**.
Type-lot. C. M., No. 62.4242, two specimens from Moorea, Society Islands. Mr. Geale coll.
- Partula tryoni** Hartman = **Partula zebrina** Gould, Proc. Acad. Nat. Science Phila., 1885, 204. See H. H. Smith, *l.c.*, 460.
Type. C. M., No. 62.4261, (Solomon Islands, incorrect), Samoan Islands. Dr. Cox coll.
- Partula zebrina** Gould. See **Partula tryoni** Hartman.

Family FERUSSACIDÆ.

- Cochlicopa lubrica hachijoensis** Pilsbry, Nautilus, XVI, 1902, 57.
Part of type-lot. C. M., No. 62.15450, six specimens from Hachijojima, Izu, Japan. Y. Hirase coll.

Family TORNATELLINIDÆ.

Elasmias kitaiwojimanum Pilsbry and Hirase, Nautilus, XVII, 1903, 53.

Part of type-lot. C. M., No. 62.15761, four specimens from Kitaiwojima, Izu, Sulphur Islands, Japan. Y. Hirase coll.

Tornatellides inexpectatus Pilsbry, Nautilus, XV, 1901, 23.

Part of type-lot. C. M., No. 62.15762, four specimens from Yæyama, Loo Choo Islands, Japan. Y. Hirase coll.

Tornatellides tryoni Pilsbry and Cooke, Manual of Conchology, (2), XXIII, 1916, 197.

Part of type-lot. C. M., No. 62.15791, three specimens from Hahajima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.

Tornatellina biplicata Pilsbry, Nautilus, XVI, 1902, 57.

Part of type-lot. C. M., No. 62.15757, six specimens from Hachijojima, Izu, Japan. Y. Hirase coll.

Tornatellina hataiana Pilsbry and Cooke, Manual of Conchology, (2), XXIII, 1916, 171.

Part of type-lot. C. M., No. 62.15760, four specimens from Kitaiwojima, Sulphur Islands, Japan. Y. Hirase coll.

Tornatellina nakadai Pilsbry and Cooke, Manual of Conchology, (2), XXIII, 1916, 170.

Part of type-lot. C. M., No. 62.15759, six specimens from Chichijima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.

SUPERFAMILY AGNATHOMORPHA.

Family OLEACINIDÆ.

Glandina dalli Pilsbry, Proc. Acad. Nat. Science Phila., 1899, 396.

Part of type-lot. Clapp, No. 2920, one specimen from Diente, near Monterey, Nuevo Leon, Mexico. S. N. Rhoades coll.

Glandina michoacanensis Pilsbry, Proc. Acad. Nat. Science Phila., 1899, 397.

Part of type-lot. Clapp, No. 2921, three specimens from Uruapam, Michoacan, Mexico. S. N. Rhoades coll.

Glandina rhoadsi Pilsbry, Proc. Acad. Nat. Science Phila., 1899, 395.

Part of type-lot. Clapp, No. 2922, one specimen from Diente, near Monterey, Nuevo Leon, Mexico. S. N. Rhoades coll.

Glandina truncata minor Pilsbry, Nautilus, XIII, 1899, 46.

Part of type-lot. Clapp, No. 2481, two specimens from Miami, Florida. S. N. Rhoades coll.

Ravenia hollandi Henderson = **Spiraxis anomalus** C. B. Adams, Nautilus, XII, 1898, 25, and Manual of Conchology (2), XIX, 1907-1908, 18.

Type-lot. C. M., No. 62.14873, two specimens from Jamaica. (Note: two specimens—one may be the Type.) Dr. W. J. Holland.

Strepostyla novoleonis Pilsbry, Proc. Acad. Nat. Science Phila., 1899, 397.

Part of type-lot. Clapp, No. 2924, two specimens from Diente, near Monterey, Nuevo Leon, Mexico. S. N. Rhoades coll.

Family STREPTAXIDÆ.

Ennea iwakawa yakushimæ Pilsbry, Nautilus, XV, 1901, 65.

Part of type-lot. C. M., No. 62.15486, ten specimens from Yakushima, Osumi, Japan. Y. Hirase coll.

SUPERFAMILY AULACOPODA.

Family ZONITIDÆ.

Euconulus fulvus alaskensis Pilsbry, Nautilus, XII, 1899, 116.

Part of type-lot. Clapp, No. 1120, thirty-two specimens from Dyea Valley, Alaska. P. B. Randolph coll.

Euconulus sterkii Dall, Proc. U. S. Natl. Museum, XI, 1888, 214.

Part of type-lot. Clapp, No. 5835, two specimens from New Philadelphia, Ohio. W. F. Webb (Sterki).

Fametesta mirabilis Pilsbry, Proc. Acad. Nat. Science Phila. LIV, 1902, 31.

Part of type-lot. C. M., No. 62.15636, four specimens from Hahajima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.

Gastrodonta demissa lamellata Pilsbry, Nautilus, XIII, 1900, 107.

Part of type-lot. Clapp, No. 2841, one specimen from Poteau, Choctaw Nation, Indian Territory. J. H. Ferriss coll.

- Gastrodonta intertexta volusia** Pilsbry, Nautilus, XIV, 1900, 40.
Part of type-lot. Clapp, No. 3102, thirty-two specimens from Mount Taylor, south of Volusia, Volusia County, Florida. H. A. Pilsbry coll.
- Guppya miamiensis** Pilsbry, Nautilus, XVII, 1903, 77.
Part of type-lot. Clapp, No. 2484, four specimens from Miami, Florida. S. N. Rhoades coll.
- Helicarion thomsoni** C. F. Ancey, Le Naturaliste, 1889, 19.
Part of type-lot. Clapp, No. 2974, two specimens from West Australia. A. W. Hanham coll.
- Hirasea acuta** Pilsbry, Nautilus, XVI, 1902, 5.
Part of type-lot. C. M., No. 62.15631, six specimens from Imotoshima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.
- Hirasea acutissima** Pilsbry, Proc. Acad. Nat. Science Phila., LIV, 1902, 30.
Part of type-lot. C. M., No. 62.15634, three specimens from Hahajima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.
- Hirasea biconcava** Pilsbry, Proc. Acad. Nat. Science Phila., LIV, 1902, 30.
Part of type-lot. C. M., No. 62.15635, four specimens from Hahajima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.
- Hirasea chichijimana** Pilsbry, Nautilus, XV, 1902, 119.
Part of type-lot. C. M., No. 62.15624, six specimens from Chichijima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.
- Hirasea diplomphalus** Pilsbry, Nautilus, XV, 1902, 141.
Part of type-lot. C. M., No. 62.15625, twelve specimens from Chichijima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.
- Hirasea diplomphalus latispira** Pilsbry, Nautilus, XVI, 1902, 47.
Part of type-lot. C. M., No. 62.15628, six specimens from Chichijima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.

Hirasea eutheca Pilsbry, Proc. Acad. Nat. Science Phila., LIV, 1902, 30.

Part of type-lot. C. M., No. 62.15632, four specimens from Hahajima, O asawara, Bonin Islands, Japan. Y. Hirase coll.

Hirasea goniobasis Pilsbry, Nautilus, XV, 1902, 141.

Part of type-lot. C. M., No. 62.15627, twelve specimens from Chichijima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.

Hirasea hypolia Pilsbry, Proc. Acad. Nat. Science Phila., LIV, 1902, 30.

Part of type-lot. C. M., No. 62.15633, six specimens from Hahajima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.

Hirasea insignis Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 636.

Part of type-lot. C. M., No. 62.15638, six specimens from Mukojima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.

Hirasea major Pilsbry, Nautilus, XVI, 1902, 47.

Part of type-lot. C. M., No. 62.15629, six specimens from Chichijima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.

Hirasea nesiotica Pilsbry, Nautilus, XV, 1902, 119.

Part of type-lot. C. M., No. 62.15623, six specimens from Hahajima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.

Hirasea nesiotica liobasis Pilsbry and Hirase, Conch. Magaz. I, 1907.

Part of type-lot. C. M., No. 62.15639, six specimens from Chichijima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.

Hirasea profundispira Pilsbry, Nautilus, XVI, 1902, 47.

Part of type-lot. C. M., No. 62.15630, four specimens from Chichijima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.

Hirasea sinuosa Pilsbry, Nautilus, XV, 1902, 118.

Part of type-lot. C. M., No. 62.15622, six specimens from Hahajima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.

- Kaliella bimar** Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 633.
Part of type-lot. C. M., No. 62.15675, six specimens from Naha, Riukiu Islands, Japan. Y. Hirase coll.
- Kaliella borealis** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 346.
Part of type-lot. C. M., No. 62.15662, six specimens from Kayabe, Ojima, Japan. Y. Hirase coll.
- Kaliella gudei** Pilsbry and Hirase, Nautilus, XVI, 1902, 79.
Part of type-lot. C. M., No. 62.15671, six specimens from Kayabe, Ojima, Japan. Y. Hirase coll.
- Kaliella hachijoensis** Pilsbry, Nautilus, XVI, 1902, 55.
Part of type-lot. C. M., No. 62.15670, six specimens from Hachijojima, Izu, Japan. Y. Hirase coll.
- Kaliella harimensis** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 404.
Part of type-lot. C. M., No. 62.15664, six specimens from Kashima, Harima, Japan. Y. Hirase coll.
- Kaliella higashiyamana** Pilsbry and Hirase, Nautilus, XVI, 1903, 129.
Part of type-lot. C. M., No. 62.15681, four specimens from Higashiyamamura, Awa, Shikoku, Japan. Y. Hirase coll.
- Kaliella humiliconus** Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 633.
Part of type-lot. C. M., No. 62.15673, four specimens from Gokashomura, Ise, Japan. Y. Hirase coll.
- Kaliella kikaigashimæ** Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 633.
Part of type-lot. C. M., No. 62.15672, six specimens from Kikai, Osumi, Japan. Y. Hirase coll.
- Kaliella kyotensis** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 548.
Part of type-lot. C. M., No. 62.15665, six specimens from Kyoto, Yamashiro, Japan. Y. Hirase coll.
- Kaliella multivolvis** Pilsbry, Proc. Acad. Nat. Science Phila., 1900, 383.
Part of type-lot. C. M., No. 62.14679 and No. 62.15660, eighteen specimens from Kashima, Province of Harima, Japan. Y. Hirase coll.

Kaliella nahaënsis Gude, Conch. Mag., II, 1908, 44.

Part of type-lot. C. M., No. 62.14680, twelve specimens from Naha, Loo Choo Islands, Japan. Y. Hirase coll.

Kaliella nesiotica Pilsbry and Hirase, Nautilus, XVII, 1903, 54.

Part of type-lot. C. M., No. 62.15678, four specimens from Miyakejima, Izu, Japan. Y. Hirase coll.

Kaliella ogasawarana Pilsbry, Proc. Acad. Nat. Science Phila., LIV, 1902, 31.

Part of type-lot. C. M., No. 62.15668, six specimens from Hahajima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.

Kaliella okinoshimana Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 633.

Part of type-lot. C. M., No. 62.15674, four specimens from Okinoshima, Tosa, Japan. Y. Hirase coll.

Kaliella præalta izushichitoensis Pilsbry and Hirase, Nautilus, XVII, 1903, 54.

Part of type-lot. C. M., No. 62.15677, six specimens from Miyakejima, Izu, Japan. Y. Hirase coll.

Kaliella sororcula Pilsbry and Hirase, Nautilus, XVII, 1904, 107.

Part of type-lot. C. M., No. 62.15679, four specimens from Amasaki, Tosa, Japan. Y. Hirase coll.

Kaliella yæyamensis Pilsbry, Nautilus, XV, 1901, 21.

Part of type-lot. C. M., No. 62.15667, ten specimens from Yaeyama, Loo Choo Islands, Japan. Y. Hirase coll.

Macrochlamys cerasina Pilsbry, Nautilus, XV, 1902, 117.

Part of type-lot. C. M., No. 62.15690, six specimens from Tobishima, Ugo, Japan. Y. Hirase coll.

Macrochlamys cerasina awænsis Pilsbry, Nautilus, XV, 1902, 117.

Part of type-lot. C. M., No. 62.15691, six specimens from Tairiuji, Awa, Shikoku Island, Japan. Y. Hirase coll.

Macrochlamys cerasina reducta Pilsbry, Conch. Mag., I, 1907.
(See Nautilus, XLV, 1931).

Part of type-lot. C. M., No. 62.15697, four specimens from Yutagawa, Uzen, Japan. Y. Hirase coll.

- Macrochlamys fulgens** Gude, Proc. Malacol. Soc. London, IV, 1901, 75.
Part of type-lot. C. M., No. 62.15695, six specimens from Loo Choo Islands, Japan. Y. Hirase coll.
- Macrochlamys gudei inclytus** Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 636.
Part of type-lot. C. M., No. 62.15693, six specimens from Tanegashima, Osumi, Japan. Y. Hirase coll.
- Macrochlamys tanegashimæ** Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 498.
Part of type-lot. C. M., No. 62.15689, six specimens from Tanegashima, Osumi, Japan. Y. Hirase coll.
- Microcystina anijimana** Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVII, 1905, 711.
Part of type-lot. C. M., No. 62.15709, six specimens from Anijima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.
- Microcystina hahajimana** Pilsbry, Nautilus, XV, 1902, 118.
Part of type-lot. C. M., No. 62.15704, six specimens from Hahajima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.
- Microcystina lampra** Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 18.
Part of type-lot. C. M., No. 62.15708, six specimens from Yakushima, Osumi, Japan. Y. Hirase coll.
- Microcystina vaga** Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 634.
Part of type-lot. C. M., No. 62.15707, six specimens from Muya, Awa, Shikoku Island, Japan. Y. Hirase coll.
- Omphalina cuprea ozarkensis** Pilsbry and Ferriss = **Omphalina fuliginosa ozarkensis** Pilsbry and Ferriss, Proc. Acad. Nat. Science Phila., 1906, 562.
Part of type-lot. Clapp, No. 5153, three specimens from Petit Jean Mountains, Arkansas. J. H. Ferriss coll.
- Omphalina pilsbryi** G. H. Clapp, Nautilus, XVIII, 1904, 30.
Type-lot. Clapp, No. 5115, twelve specimens from the ravines, near Wetumpka, Alabama. H. H. Smith coll.

Otesia hahajimana Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVII, 1905, 711.

Part of type-lot. C. M., No. 62.15718, six specimens from Hahajima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.

Pseudopartula dohertyi Aldrich = **Nanina dohertyi** Aldrich = **Ariophanta dohertyi** Aldrich, Nautilus, X, 1897, 110.

Part of type-lot. Clapp, No. 14949, one specimen from Marang, Sumatra. W. H. Doherty coll.

Sitala circumcincta elata Gude = **Kaliella elata** Gude, Ann. Mag. Nat. Hist., (7), VI, 1900, 453. See also, Conch. Mag., II, 1908, 45. (For Type Locality.)

Part of type-lot. C. M., No. 62.15745, six specimens from Takayama, Iyo, Japan. (Gude's locality is Kashima, Harima, Japan.) Y. Hirase coll.

Sitala latissima Pilsbry, Nautilus, XVI, 1902, 56.

Part of type-lot. C. M., No. 62.15742, six specimens from Yaeyama, Loo Choo Islands, Japan. Y. Hirase coll.

Sitala nanodes Gude = **Arnouldia nanodes** Gude, Ann. and Mag. Nat. Hist., (7), VI, 1900, 399.

Part of type-lot. C. M., No. 62.15743, six specimens from Kyoto, Yamashiro, Japan. Y. Hirase coll.

Sitala reinhardti Pilsbry, Nautilus, XIV, 1900, 81.

Part of type-lot. C. M., No. 62.15744, sixteen specimens from Kashima, Harima, Japan. Y. Hirase coll.

Trochomorpha convexa Hartman, Proc. Acad. Nat. Science Phila., 1889, 93.

Type. C. M., No. 62.4408, from Aura Island, New Hebrides. W. D. Hartman coll.

Trochomorpha cultrata Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 632.

Part of type-lot. C. M., No. 62.15782, three specimens from Tokunoshima, Osumi, Japan. Y. Hirase coll.

Trochomorpha gouldiana Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 344.

Part of type-lot. C. M., No. 62.15780, six specimens from Oshima, Osumi, Japan. Y. Hirase coll.

Trochomorpha pulcherrima Hartman, Proc. Acad. Nat. Science Phila., 1890, 228.

Type. C. M., No. 62.5825, from New Hebrides. W. D. Hartman coll.

Trochomorpha rubens Hartman, Proc. Acad. Nat. Science Phila., 1888, 251.

Part of type-lot. C. M., No. 62.4410, seven specimens from Aura Island, New Hebrides. W. D. Hartman coll.

Vitrea aldrichiana G. H. Clapp = **Paravitrea aldrichiana** G. H. Clapp, Nautilus, XX, 1907, 109.

Type. Clapp, No. 5657, from the slope of Cumberland Plateau, south-east of Anderson, Tennessee. (Close to State line in Alabama). H. H. Smith coll.

Vitrea clappi Pilsbry = **Paravitrea clappi** Pilsbry, Nautilus, XII, 1898, 86.

Part of type-lot. Clapp, No. 1114, seven specimens from Thunderhead, Great Smoky Mountains, Tennessee. G. H. Clapp coll.

Vitrea conecuhensis G. H. Clapp = **Paravitrea conecuhensis** G. H. Clapp, Nautilus, XXX, 1917, 138.

Type-lot. Clapp, No. 8111, twelve specimens from Evergreen, Conecuh County, Alabama. (One designated as "figured type"). H. H. Smith coll.

Vitrea cryptomphala G. H. Clapp = **Retinella cryptomphala cryptomphala** G. H. Clapp, Nautilus, XXIX, 1915, 25.

Type-lot. Clapp, No. 7365, one hundred plus specimens from Knox County, Tennessee. (One designated as "figured type").

Vitrea cumberlandiana G. H. Clapp = **Retinella cumberlandiana cumberlandiana** G. H. Clapp, Nautilus, XXXIII, 1919, 8.

Type-lot. Clapp, No. 9157, eight specimens from Cumberland Plateau, near Stevenson, Jackson County, Alabama. (One designated as "figured type"). H. H. Smith coll.

Vitrea lewisiana G. H. Clapp = **Retinella lewisiana** G. H. Clapp, Nautilus XXI, 1908, 129.

Type-lot. Clapp, No. 5658, five specimens from Monte Sano, near Huntsville, Madison County, Alabama. (Type designated.) H. H. Smith coll.

Vitrea pilsbryana G. H. Clapp = **Paravitrea pilsbryana** G. H. Clapp, Nautilus, XXXIII, 1919, 9.

Type-lot. Clapp, No. 9159, twenty-one specimens from the cove, three miles north of Anderson, Franklin County, Tennessee. (One shell designated as "figured type.") H. H. Smith coll.

Vitrea radiatula circumstriata Taylor = **Retinella circumstriata** ("Taylor" Walker), Man. Land and Fresh Water Mollusca of the British Isles, III, 87.

Type-lot. Clapp, No. 5268, twenty-eight specimens from one mile south of Wetumpka, Alabama. (Figured shell designated.) H. H. Smith coll.

Vitrinizonites latissimus Lewis, Phila. Acad. Nat. Sci. Proc., 1875, 336.

Type. Clapp, No. 2366, Bald Mountain, 6600', Tennessee. Dr. James Lewis coll. (Note: "This shell appears to be Lewis' type as it agrees with measurements given in above reference, although there the locality is given as Tesquita Bald Mountain, 6600'." G. H. Clapp.)

Zonitoides chishimanus Pilsbry and Hirase, Nautilus, XVIII, 1904, 5.

Part of type-lot. C. M., No. 62.15787, six specimens from Kunajiri, Chishima, Japan. Y. Hirase coll.

Zonitoides dallianus Simpson = **Retinella dalliana** (Simpson) Pilsbry, See Pilsbry, Proc. Acad. Nat. Science Phila., 1889, 83.

Part of type-lot. Clapp, No. 1153, four specimens from Manatee County, Florida. J. B. Henderson coll.

Zonitoides nummus Vanatta = **Helicodiscus nummus** Vanatta, Proc. Acad. Nat. Science Phila., LI, 1899, 524.

Part of type-lot. Clapp, No. 2801, two specimens from New Braunfels, Texas. E. G. Vanatta coll.

Zonitoides subarboreus Pilsbry, Nautilus, XVI, 1902, 54.

Part of type-lot. C. M., No. 62.15786, four specimens from Hachijojima, Izu, Japan. Y. Hirase coll.

Family ENDODONTIDÆ.

Endodonta hectori Suter, Trans. New Zealand Inst., XXII, 222.

Part of type-lot. C. M., No. 62.19534, three specimens from Hastwell, North Island, New Zealand. H. Suter coll.

- Endodonta pseudoleioda** Suter, Trans. New Zealand Inst., XXII, 221.
Part of type-lot. C. M., No. 62.19533, two specimens from Hastwell, North Island, New Zealand. H. Suter coll.
- Helicodiscus eigenmanni** Pilsbry, Nautilus, XIV, 1900, 41.
Part of type-lot. Clapp, No. 2874, one specimen from Beaver Cave, near San Marcos, Texas. H. A. Pilsbry coll.
- Oreohelix avalonensis** Hemphill, Trans. San Diego Soc. Nat. Hist., I, 1911, 104.
Part of type-lot. Clapp, No. 6160, three specimens from Santa Catalina Island, California. H. Hemphill coll.
- Oreohelix barbata** Pilsbry, Proc. Acad. Nat. Science Phila., 1905, 279.
Part of type-lot. Clapp, No. 7014, seven specimens from Cave Creek Canyon, Chiricahua Mountains, Arizona. J. H. Ferriss coll.
- Oreohelix chiricahuana** Pilsbry, Proc. Acad. Nat. Science Phila., 1905, 283.
Part of type-lot. Clapp, No. 7015, nine specimens from Cave Creek Canyon, Chiricahua Mountains, Arizona. J. H. Ferriss coll.
- Oreohelix cooperi berryi** Pilsbry, Nautilus, XXIX, 1915, 48.
Part of type-lot. Clapp, No. 8482, twelve specimens from the east slope of Swimming Woman Canyon, Big Snowy Mountains, Fergus County, Montana. S. S. Berry coll.
- Oreohelix elrodi** Pilsbry, Nautilus, XIV, 1900, 40.
Part of type-lot. Clapp, No. 3170, twenty-one specimens from above McDonald Lake, Mission Mountains, Montana. M. J. Elrod coll.
- Oreohelix haydeni betheli** Pilsbry and Cockerell, Nautilus, XXVI, 1913, 144.
Part of type-lot. C. M., No. 62.14614, three specimens from Glenwood Springs, Garfield County, Colorado. E. Bethel and T. D. A. Cockerell coll.
- Oreohelix haydeni betheli** Pilsbry and Cockerell forma: **alta** Pilsbry, Nautilus, XXVI, 1913, 144.
Part of type-lot. C. M., No. 62.14615, five specimens from Glenwood Springs, Garfield County, Colorado. E. Bethel and T. D. A. Cockerell coll.

Oreohelix haydeni corrugata Henderson and Daniels, Proc. Acad. Nat. Science Phila., 1916, 315.

Part of type-lot. Clapp, No. 12068, six specimens from Isolated Mountain, one mile south-east of Webster, Utah. Daniels and Walker coll.

Oreohelix hendersoni Pilsbry, Nautilus, XXVI, 1912, 29.

Part of type-lot. Clapp, No. 6546, two specimens from north-west of Longmont, Colorado. J. Henderson coll.

Oreohelix hendersoni dakani Henderson, Nautilus, XXVII, 1913, 38.

Part of type-lot. Clapp, No. 6547, two specimens from New Castle, Colorado. J. Henderson coll.

Oreohelix pygmæa Pilsbry and Cockerell, Nautilus, XXVII, 1913, 52.

Part of type-lot. Clapp, No. 6659, four specimens from Shell Creek Canyon, north-east of Shell, Wyoming. J. Henderson coll.

Oreohelix strigosa huachucana Pilsbry and Ferriss, Proc. Acad. Nat. Science Phila., 1902, 511.

Part of type-lot. Clapp, No. 6996, twelve specimens from Huachuca Mountains, Cochise County, Arizona. J. H. Ferriss coll.

Oreohelix strigosa meridionalis Pilsbry and Ferriss, Proc. Acad. Nat. Science Phila., 1918, 324.

Part of type-lot. C. M., No. 62.19578, two specimens from Eagle Creek, Graham County, Arizona. J. H. Ferriss coll.

Punctum amblygonum pretiosum Gude, Ann. and Mag. Nat. Hist., (7), VI, 1900, 454.

Part of type-lot. C. M., No. 62.15727, sixteen specimens from Fukura, Awaji, Japan. Y. Hirase coll.

Punctum apertum Pilsbry, Nautilus, XVIII, 1904, 5.

Part of type-lot. C. M., No. 62.15725, six specimens from Nemuro, Nemuro, Japan. Y. Hirase coll.

Punctum atomus Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 636.

Part of type-lot. C. M., No. 62.15722, six specimens from Nishigo, Uzen, Japan. Y. Hirase coll.

Punctum blandianum Pilsbry, Proc. Acad. Nat. Science Phila., 1900, 110.

Part of type-lot. Clapp, No. 1022, one specimen from "Sugar Cove," Blount County, Tennessee. G. H. Clapp coll. (Note: This is one of the two found.)

Punctum clappi Pilsbry, Nautilus, XI, 1898, 133.

Part of type-lot. Clapp, No. 950, twenty-one specimens from Seattle, King County, Washington. P. B. Randolph coll.

Punctum elachistum Pilsbry and Hirase, Nautilus, XVIII, 1904, 5.

Part of type-lot. C. M., No. 62.15724, six specimens from Yanagawa, Chikugo, Japan. Y. Hirase coll.

Punctum infans Pilsbry and Hirase, Nautilus, XVII, 1904, 107.

Part of type-lot. C. M., No. 62.15721, four specimens from Hachijo, Izu, Japan. Y. Hirase coll.

Punctum morseanum Pilsbry, Nautilus, XVI, 1902, 5.

Part of type-lot. C. M., No. 62.15720, six specimens from Hirado, Hizen, Japan. Y. Hirase coll.

Punctum rota Pilsbry and Hirase, Proc. Acad. Nat. Science Phila., LVI, 1904, 637.

Part of type-lot. C. M., No. 62.15723, six specimens from Nishigo, Uzen, Japan. Y. Hirase coll.

Pupisoma japonicum Pilsbry, Nautilus, XVI, 1902, 21.

Part of type-lot. C. M., No. 62.15735, four specimens from Hirado, Hizen, Japan. Y. Hirase coll.

Pyramidula alternata costata (Lewis) G. H. Clapp, Nautilus, XIII, 1899, 41.

Type-lot. Clapp, No. 966, twenty specimens from Cades Cove, Blount County, Tennessee. (Two designated as "types"). G. H. Clapp coll.

Pyramidula alternata eriensis G. H. Clapp, Annals of Carnegie Museum, X, 1916.

Type-lot. Clapp, No. 7464, ninety-three specimens from Middle Sister Island, Lake Erie, Ontario, Canada. (One marked "Type"). Walker, Goodrich, and Clapp coll.

Pyramidula alternata rarinotata Pilsbry, Nautilus, XIII, 1900, 114.

Part of type-lot. Clapp, No. 2348, two specimens from Winchester, Fayette County, Texas. J. A. Singley coll.

- Pyramidula conica** Pilsbry, Nautilus, XVI, 1902, 77.
Part of type-lot. C. M., No. 62.15739, six specimens from Suimura, Awa, Shikoku, Japan. Y. Hirase coll.
- Pyramidula cumberlandiana alabama** G. H. Clapp, Nautilus, XXXIV, 1920, 25.
Type-lot. Clapp, No. 7132, ten specimens from Vincent Mountain, Gurley, Madison County, Alabama. (One marked "type"). H. H. Smith coll.
- Pyramidula cumberlandiana columba** G. H. Clapp, Nautilus, XXXIV, 1920, 25.
Type-lot. Clapp, No. 7100, sixteen specimens from the east slope of Battle Creek Valley, Cumberland Plateau, near Dove, Marion County, Tennessee. (One shell marked "figured type"). H. H. Smith coll.
- Pyramidula paupera hachijoensis** Pilsbry, Nautilus, XVI, 1902, 56.
Part of type-lot. C. M., No. 62.15738, six specimens from Hachiojima, Izu, Japan. Y. Hirase coll.
- Pyramidula picta** G. H. Clapp, Nautilus, XXXIV, 1920, 23.
Type-lot. Clapp, No. 7101, fifteen specimens from Buck Creek Cove or No Business Cove, three miles north of Anderson, Franklin County, Tennessee. (One shell marked as "figured type"). H. H. Smith coll.
- Pyramidula solitaria mynesites** G. H. Clapp, Annals of Carn. Mus., X, 1916.
Type-lot. Clapp, No. 7232, thirty-five specimens from Mouse Island, Lake Erie, Ottawa County, Ohio. (One marked "type"). Calvin Goodrich coll.
- Pyramidula solitaria roseo-apicata** G. H. Clapp, Annals of Carn. Mus., X, 1916.
Type-lot. Clapp, No. 7463, fifty-seven specimens from North Harbor Island, Lake Erie, Ontario, Canada. (One designated as "type"). Goodrich, Walker, Clapp coll.
- Pyramidula solitaria strontiana** G. H. Clapp, Annals of Carn. Mus., X, 1916.
Type-lot. Clapp, No. 7462, fifty-two specimens, and Type-lot. Clapp, No. 14072, ten specimens from Green Island, Lake Erie, Ohio. (One marked "type"). Walker, Goodrich and Clapp coll.

Sphyradium edentulum alticola (Ingersoll) Pilsbry, Bull. U. S. Surv. Terr., No. 2, 1875, 128.

Part of type-lot. C. M., No. 62.18999, six specimens from Cunningham Gulch, Howardsville, San Juan County, Colorado. U. S. Geol. Surv. Terr. coll.

SUPERFAMILY ELASMOGNATHA.

Family SUCCINEIDÆ.

Succinea campestris unicolor Tryon, Amer. Jour. Conch., II, 1866, 230.

Part of type-lot. Clapp, No. 3103, one specimen from New Orleans, Orleans County, Louisiana. ("One of the original lot." Pilsbry.) Tryon coll.

Succinea hirasei Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 348.

Part of type-lot. C. M., No. 62.15751, twelve specimens from Tsuchiura, Hitachi, Japan. Y. Hirase coll.

Succinea ikiana Pilsbry and Hirase, Nautilus, XVII, 1904, 117.

Part of type-lot. C. M., No. 62.15754, six specimens from Wataramura, Iki, Japan. Y. Hirase coll.

Succinea indiana Pilsbry, Nautilus, XIX, 1905, 28.

Part of type-lot. Clapp, No. 5496, one specimen from New Harmony, Posey County, Indiana. L. E. Daniels coll.

Succinea nuttalliana Lea, Proc. Acad. Nat. Science Phila., II, 1841, 32.

Type. Clapp, No. 2262, California. Dr. James Lewis Collection. (Note: This shell is marked "type". In G. H. Clapp's handwriting is the notation: "Among some old letters left by my grandfather, Dr. E. W. Hubbard, is one from Isaac Lea to Dr. Lewis dated 1-9-68, in which he mentions sending this shell on the 8th, and says that it is 'a type specimen'.") Lea coll.

Succinea ogasawaræ Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 195.

Part of type-lot. C. M., No. 62.15748, six specimens from Hahajima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.

Succinea ovalis chittenangoënsis Pilsbry, Proc. Acad. Nat. Science Phila., 1908, 49.

Part of type-lot. Clapp, No. 5457, fifty plus specimens, and Clapp, No. 15095, five specimens from Chittenango Falls, Madison County, New York. Pilsbry, Walker, Henderson, and Clapp coll.

Succinea puntulispira Pilsbry, Proc. Acad. Nat. Science Phila., LIII, 1901, 195.

Part of type-lot. C. M., No. 62.15749, six specimens from Hahajima, Ogasawara, Bonin Islands, Japan. Y. Hirase coll.